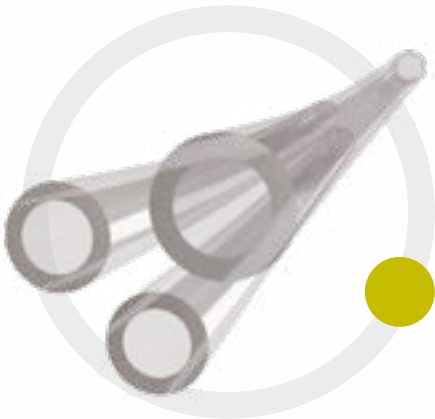


fluid control **components**

Product Catalogue



Contents



Fittings

Plastic Fittings	5-24
Metal Fittings	25-30
Plastic Luers	31-54
Metal Luers	55-62
Plastic & Metal Push-In Fittings	63-70



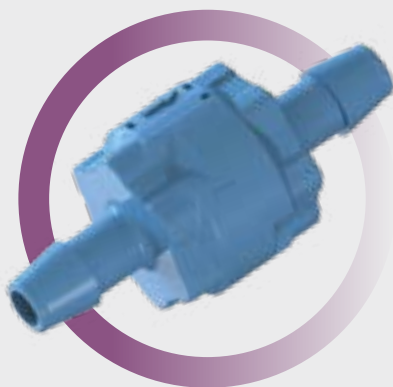
Tubing

EBT - Bio Tubing	76-84
Polyethylene	85-87
Polyurethane	88-90
Nylon	91
PVC	92
Silicone	93-94
Ribbon	95-96
Accessories	97-98



Couplings

Plastic Thumb Latch	101-110
Twist Lock	111-120
Blood Pressure	121-125
Metal Thumb Latch	125-136
Multiple Bulkhead	137-138



Check Valves

Modular & Cartridge	143-146
Diaphragm & Floating Disc	147-155
Duckbill	158
Build Your Own	159
Poppet & Ball	161-166



Filters

In-Line	169-176
Suction	177
Luer	178
Syringe	179-186
Serviceable	187-190



Flow Control

Orifice Restrictors	193-202
Regulators	203-214
Needle Valves	215-217
Pressure Relief Valves	218-221



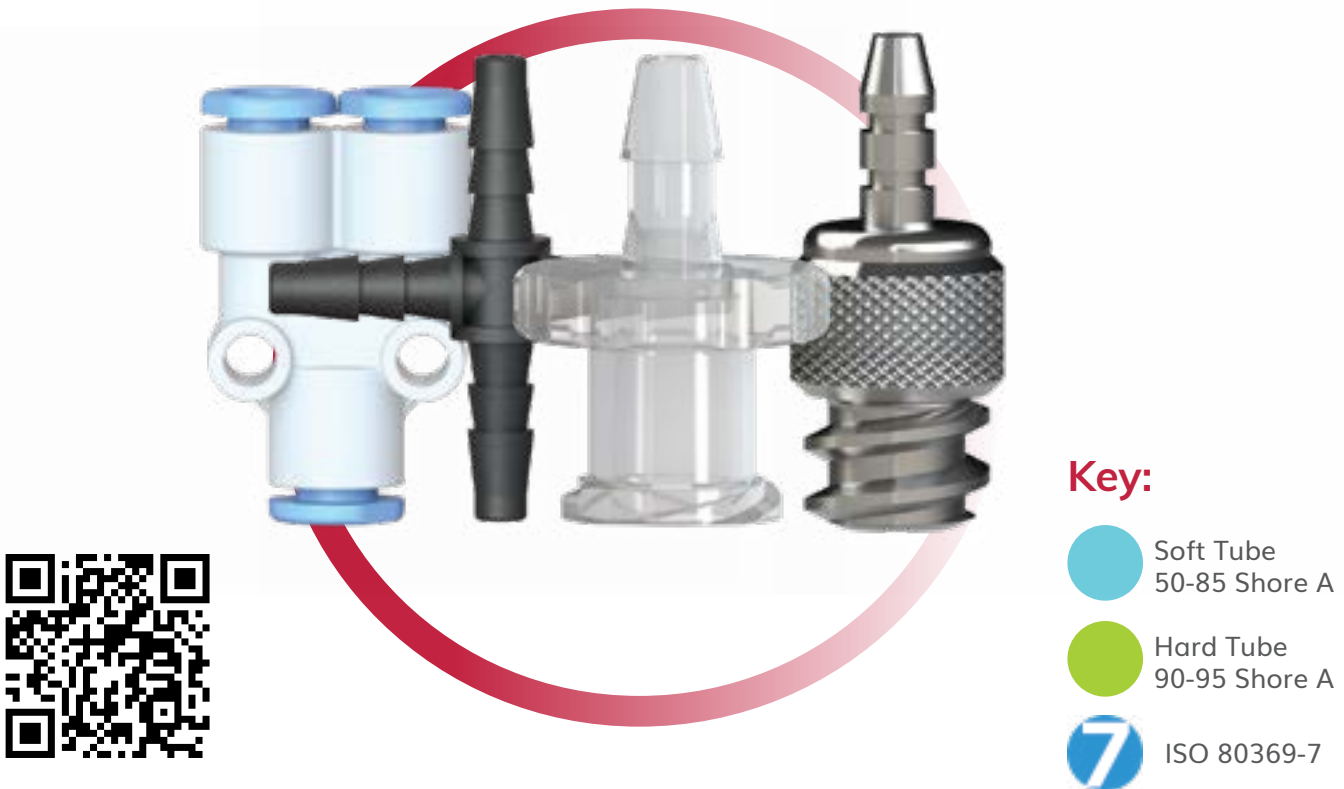
Chemical Compatibility Chart	223-224
About Eox Shop	225
Terms and Conditions	226

Disclaimer: This catalogue has been carefully collated and presented, however, Eox cannot accept responsibility for incorrect or misprinted information. All information is correct at time of going to press, please check our website for the latest data at eoxshop.com

Fittings

Eox offers a wide range of components including miniature, plastic and metal fittings, luers and push-in options to suit many applications. Available in types ranging from elbows, tees, crosses, straights, panel mounts and accessories. We also offer different styles including barb to barb, barb to thread and threaded adaptors.

Some of our luers are certified to ISO 80369-7. The ISO 80369-7 standard for intravascular and hypodermic applications has tightened dimensions and functional testing for luer connectors to help prevent misconnections. New to our range is a selection of oxygen compatible push-in fittings. Designed for the life science markets particularly medical and analytical applications with a high level of sealing.



Key Features Include:

- Compact design
- Optional style and size of connection
- RoHS and REACH compliant
- Practical and cost effective

Typical Applications:

- Bioprocessing
- Pressure/Wound Care
- Ophthalmic
- Analytical Detection



Plastic Fittings

These fittings come in a variety of plastic materials and types including straight, elbows, tees and Y-pieces.

Page 5-24



Metal Fittings

A large selection of fittings and adaptors that are suitable for various markets such as medical, scientific and analytical.

Page 25-30



Plastic Luers

Options include female, male, Luer lock and slip Luers. ISO 80369-7 certified Luers available in this range.

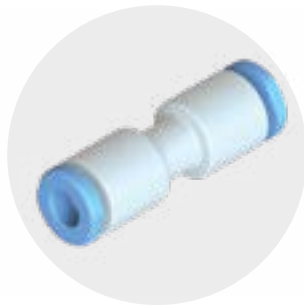
Page 31-54



Metal Luers

Our metal Luers offer exceptional durability with a range of connection types such as Luers, panel mounts, threads and barbs.

Page 55-62



Plastic and Metal Push-In Fittings

Also known as push-to-connect, push-in, push-fit fittings or a quick connect fitting that allows an air (or water) line to be attached. Available in both plastic and metal materials.

Page 63-70

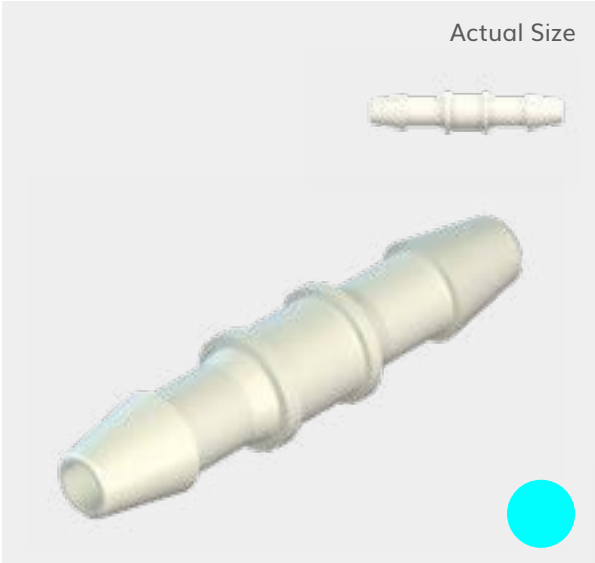


Material Options:

- ABS
- Nylon
- Polycarbonate
- Polypropylene
- Nickel Plated Brass
- Stainless Steel

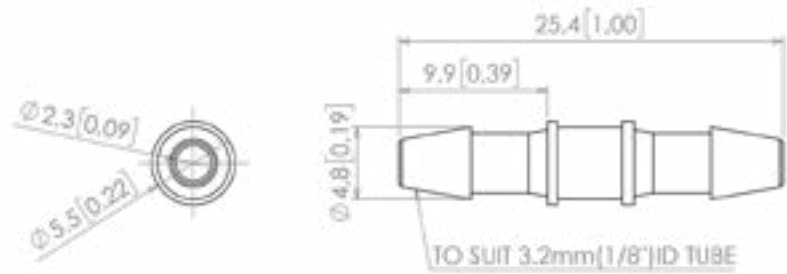
Plastic Fittings

E-F-210289 - White Nylon Equal Straight Connector, 1/8" (3.2mm) ID Tube



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free.
Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Part Number	Size	Material
E-F-210288	1/16"	White Nylon
E-F-160186	1/16"	Animal Free Polypropylene
E-F-160187	1/16"	Clear Polycarbonate
E-F-160184	1/16"	White ABS
E-F-210290	3/32"	White Nylon
E-F-160190	3/32"	Animal Free Polypropylene
E-F-160188	3/32"	White ABS
E-F-160193	1/8"	Animal Free Polypropylene
E-F-160191	1/8"	White ABS
E-F-180078	5/32"	Natural Nylon
E-F-180079	5/32"	Animal Free Polypropylene
E-F-190041	5/32"	Clear Copolyester
E-F-180077	5/32"	Kynar
E-F-180075	3/16"	Natural Nylon
E-F-180076	3/16"	Animal Free Polypropylene
E-F-190042	3/16"	Clear Copolyester
E-F-180074	3/16"	Kynar
E-F-180072	1/4"	Natural Nylon
E-F-180073	1/4"	Animal Free Polypropylene
E-F-190043	1/4"	Clear Copolyester
E-F-180071	1/4"	Kynar

see website for dimensional drawings

E-F-180158 - Animal Free Polypropylene Equal Straight Rigid Barb Connector, 1/8" (3.2mm) ID Tube

Technical Data

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-line

Wetted Materials: Animal Free Polypropylene

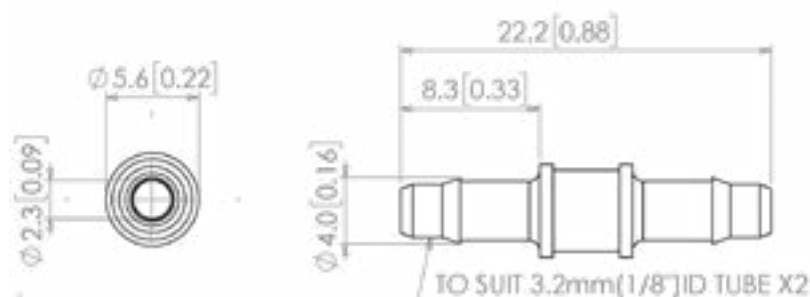
Non-wetted Materials: Animal Free Polypropylene

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65

Other Technical Data: Animal Derivative Free. Phthalate Free. BPA Free. Latex Free. DEHP Free. Highly compatible with EtO (Ethylene Oxide) sterilisation and compatible with gamma sterilisation in the range of 35-40kGy (higher doses may produce a slight colour shift).



More from this range



1/16"
White Nylon
E-F-210275



1/16" Animal Free
Polypropylene
E-F-160223



1/16"
Kynar
E-F-160224



3/32" Animal Free
Polypropylene
E-F-160226

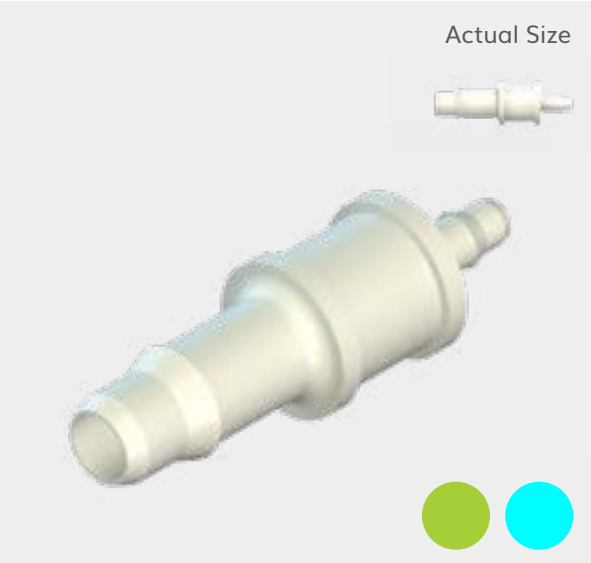


3/32"
Kynar
E-F-160227



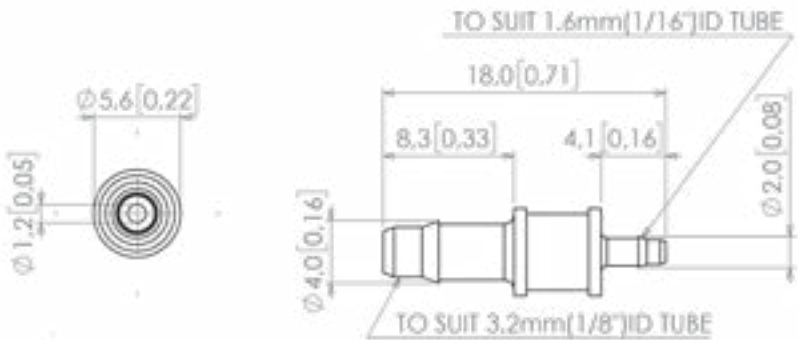
1/8"
Kynar
E-F-180156

E-F-210278 - White Nylon Reducing Straight Rigid Barb Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Reducing Rigid

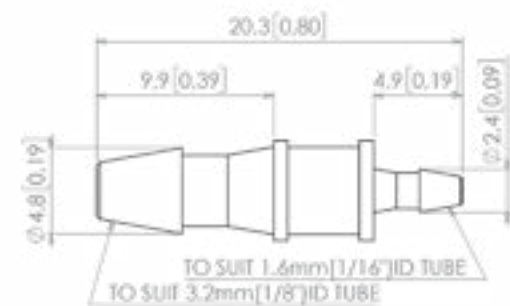
Part Number	Size	Material
E-F-210281	3/32" to 1/16"	White Nylon
E-F-160229	3/32" to 1/16"	Animal Free Polypropylene
E-F-160230	3/32" to 1/16"	Kynar
E-F-190060	1/8" to 1/16"	Animal Free Polypropylene
E-F-190061	1/8" to 1/16"	Kynar
E-F-210279	1/8" to 3/32"	White Nylon
E-F-180161	1/8" to 3/32"	Animal Free Polypropylene
E-F-180159	1/8" to 3/32"	Kynar

see website for dimensional drawings

E-F-210268 - White Nylon Reducing Straight Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube

Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Part Number	Size	Material
E-F-210271	3/32" to 1/16"	White Nylon
E-F-160220	3/32" to 1/16"	Animal Free Polypropylene
E-F-160221	3/32" to 1/16"	Kynar
E-F-160214	1/8" to 1/16"	Animal Free Polypropylene
E-F-160215	1/8" to 1/16"	Kynar
E-F-210270	1/8" to 3/32"	White Nylon
E-F-160217	1/8" to 3/32"	Animal Free Polypropylene
E-F-160218	1/8" to 3/32"	Kynar
E-F-180135	5/32" to 3/32"	Natural Nylon
E-F-180136	5/32" to 3/32"	Animal Free Polypropylene
E-F-180134	5/32" to 3/32"	Kynar
E-F-180138	5/32" to 1/8"	Natural Nylon
E-F-180139	5/32" to 1/8"	Animal Free Polypropylene
E-F-180137	5/32" to 1/8"	Kynar

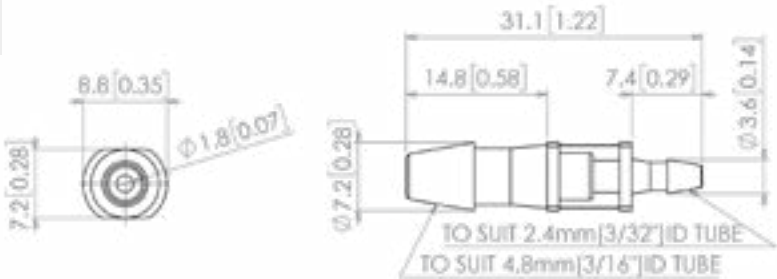
see website for dimensional drawings

E-F-180141 - Natural Nylon Reducing Straight Connector, 3/16" (4.8mm) ID Tube to 3/32" (2.4mm) ID Tube



Technical Data

Connection 1: 3/16" (4.8mm) ID Tube
Connection 2: 3/32" (2.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Reducing

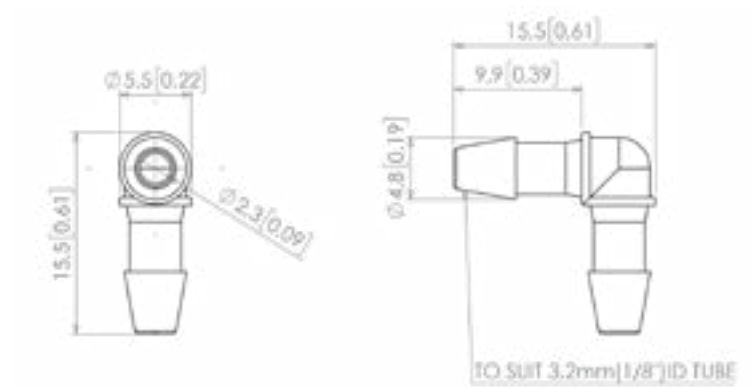
Part Number	Size	Material
E-F-180142	3/16" to 3/32"	Animal Free Polypropylene
E-F-180140	3/16" to 3/32"	Kynar
E-F-180144	3/16" to 1/8"	Natural Nylon
E-F-180145	3/16" to 1/8"	Animal Free Polypropylene
E-F-180143	3/16" to 1/8"	Kynar
E-F-180147	3/16" to 5/32"	Natural Nylon
E-F-180125	3/16" to 5/32"	Animal Free Polypropylene
E-F-180146	3/16" to 5/32"	Kynar
E-F-180149	1/4" to 1/8"	Natural Nylon
E-F-180150	1/4" to 1/8"	Animal Free Polypropylene
E-F-180148	1/4" to 1/8"	Kynar
E-F-180152	1/4" to 5/32"	Natural Nylon
E-F-180153	1/4" to 5/32"	Animal Free Polypropylene
E-F-180151	1/4" to 5/32"	Kynar
E-F-180155	1/4" to 3/16"	Natural Nylon
E-F-180126	1/4" to 3/16"	Animal Free Polypropylene
E-F-180154	1/4" to 3/16"	Kynar

see website for dimensional drawings

E-F-210292 - White Nylon Equal Elbow Connector, 1/8" (3.2mm) ID Tube

Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Part Number	Size	Material
E-F-210291	1/16"	White Nylon
E-F-160196	1/16"	Animal Free Polypropylene
E-F-160194	1/16"	White ABS
E-F-160198	3/32"	White ABS
E-F-160203	1/8"	Animal Free Polypropylene
E-F-160201	1/8"	White ABS
E-F-180086	5/32"	Natural Nylon
E-F-180087	5/32"	Animal Free Polypropylene
E-F-190044	5/32"	Clear Copolyester
E-F-180085	5/32"	Kynar
E-F-180083	3/16"	Natural Nylon
E-F-180084	3/16"	Animal Free Polypropylene
E-F-190045	3/16"	Clear Copolyester
E-F-180082	3/16"	Kynar
E-F-180131	1/4"	Natural Nylon
E-F-180081	1/4"	Animal Free Polypropylene
E-F-190046	1/4"	Clear Copolyester
E-F-180080	1/4"	Kynar

see website for dimensional drawings

E-F-210316 - White Nylon Equal Elbow Rigid Barb Connector, 1/8" (3.2mm) ID Tube



Technical Data

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nylon

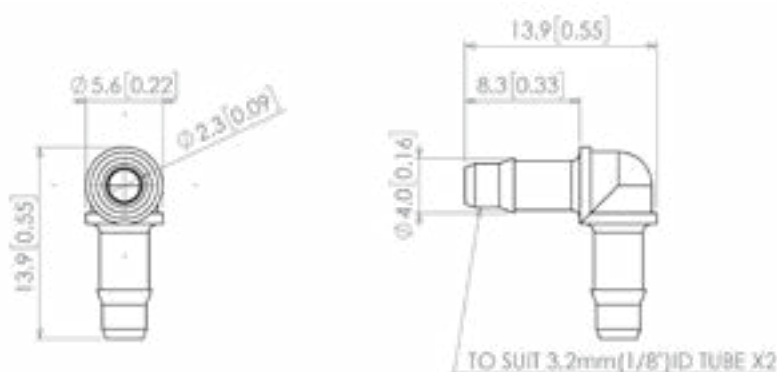
Non-wetted Materials: Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/16"
White Nylon
E-F-210298



1/16" Animal Free
Polypropylene
E-F-160235



1/16"
Kynar
E-F-160236



1/8" Animal Free
Polypropylene
E-F-180006



1/8"
Kynar
E-F-180162

We have the perfect tubing for your application

Material Options:

- Kynar®
- LLDPE
- Nylon
- Polyethylene
- Polyurethane
- PVC
- Silicone
- TPE

Key Features:

- Different shore hardness
- Offered in Imperial and Metric
- Suitable in some cases for Biomedical & Bioprocess applications
- Optional application functionality includes Antimicrobial and Un-reinforced PVC



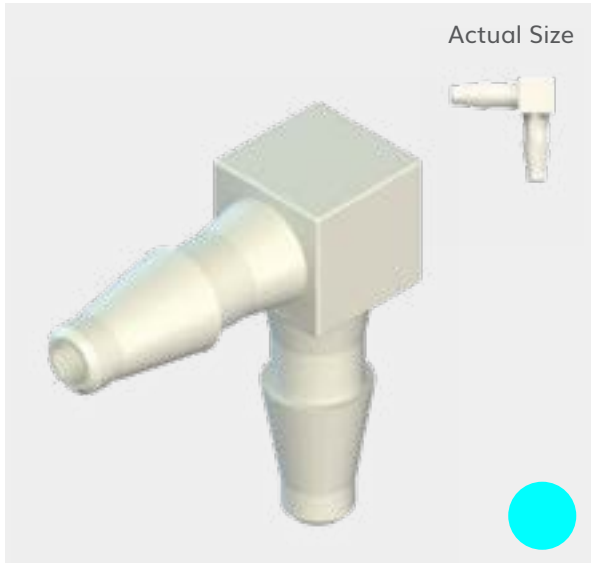
Hard Tube Compatible
90-95 Shore A



Soft Tube Compatible
50-85 Shore A



E-F-210297 - White Nylon Equal Elbow Connector (Square Grip Body), 3/32" (2.4mm) ID Tube



Technical Data

Connections: 3/32" (2.4mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nylon

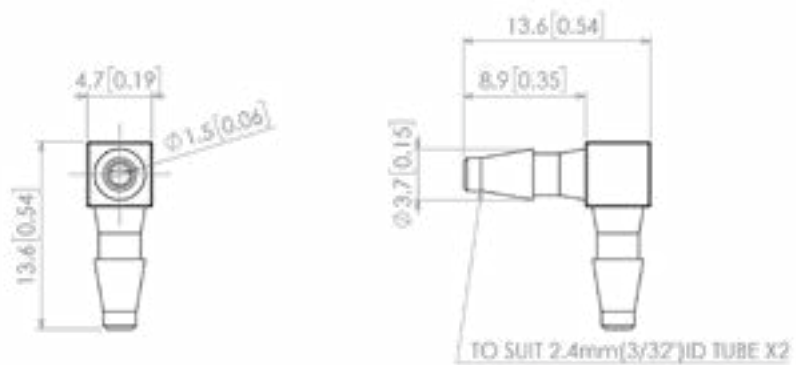
Non-wetted Materials: Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



Also available - E-F-160233

Kynar

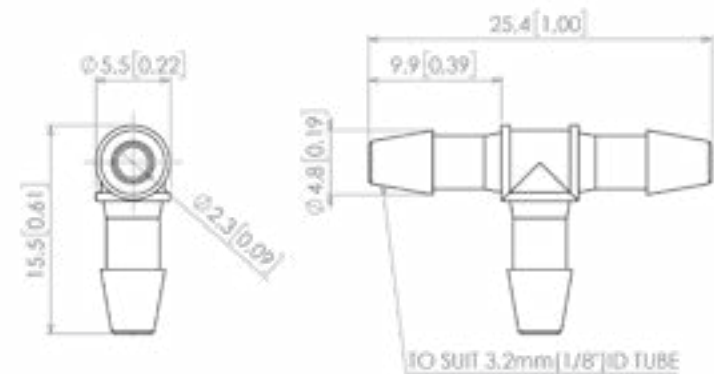


Visit our website for more multi-barb options

E-F-210295 - White Nylon Equal Tee Connector, 1/8" (3.2mm) ID Tube

Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Part Number	Size	Material
E-F-210294	1/16"	White Nylon
E-F-160205	1/16"	Animal Free Polypropylene
E-F-160204	1/16"	White ABS
E-F-180049	1/16"	Kynar
E-F-210296	3/32"	White Nylon
E-F-160208	3/32"	Animal Free Polypropylene
E-F-160206	3/32"	White ABS
E-F-160211	1/8"	Animal Free Polypropylene
E-F-190047	1/8"	Clear Copolyester
E-F-160209	1/8"	White ABS
E-F-160212	1/8"	Kynar
E-F-180095	5/32"	Natural Nylon
E-F-180096	5/32"	Animal Free Polypropylene
E-F-190048	5/32"	Clear Copolyester
E-F-180094	5/32"	Kynar
E-F-180092	3/16"	Natural Nylon
E-F-180093	3/16"	Animal Free Polypropylene
E-F-190049	3/16"	Clear Copolyester
E-F-180091	3/16"	Kynar
E-F-180089	1/4"	Natural Nylon
E-F-180090	1/4"	Animal Free Polypropylene
E-F-190050	1/4"	Clear Copolyester
E-F-180088	1/4"	Kynar

see website for dimensional drawings

E-F-210311 - White Nylon Run Tee Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
 Connection 2: 1/8" (3.2mm) ID Tube
 Connection 3: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nylon

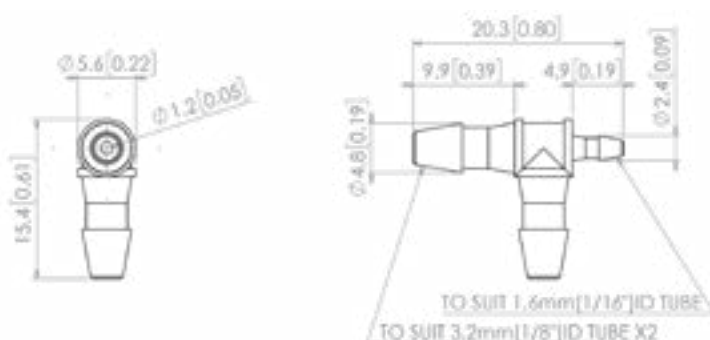
Non-wetted Materials: Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/8" to 1/16" Animal Free Polypropylene
E-F-160244



1/8" to 1/16" Kynar
E-F-160245



1/8" to 3/32" White Nylon
E-F-210312



1/8" to 3/32" Animal Free Polypropylene
E-F-160241



1/8" to 3/32" Kynar
E-F-160242

E-F-210317 - White Nylon Equal Tee Rigid Barb Connector, 1/8" (3.2mm) ID Tube

Technical Data

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nylon

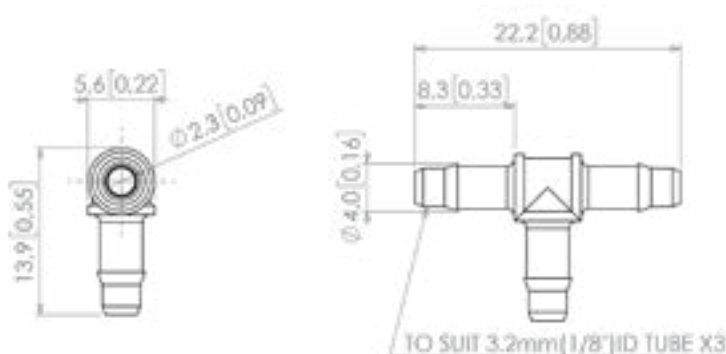
Non-wetted Materials: Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



E-F-180180 - Animal Free Polypropylene Equal Tee Rigid Barb Connector, 1/8" (3.2mm) ID Tube

Technical Data

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-line

Wetted Materials: Animal Free Polypropylene

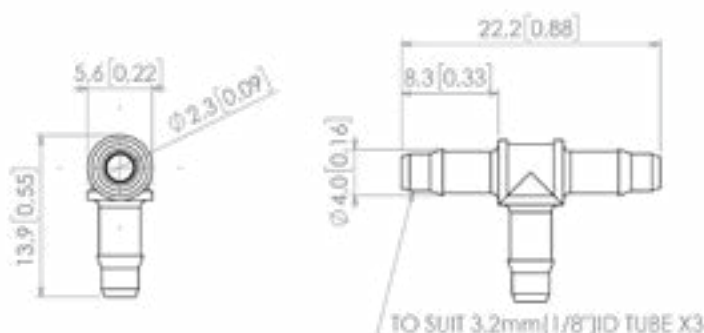
Non-wetted Materials: Animal Free Polypropylene

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65

Other Technical Data: Animal Derivative Free. Phthalate Free. BPA Free. Latex Free. DEHP Free. Conflict mineral compliant.

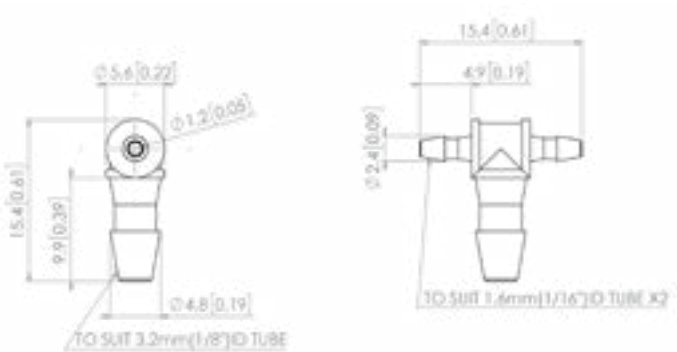


E-F-210309 - White Nylon Reducing Tee Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube



Technical Data

Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: 1/16" (1.6mm) ID Tube
Connection 3: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. White Nylon reducing tee connector with 1/8" barbed leg and 1/16" barbs.



More from this range



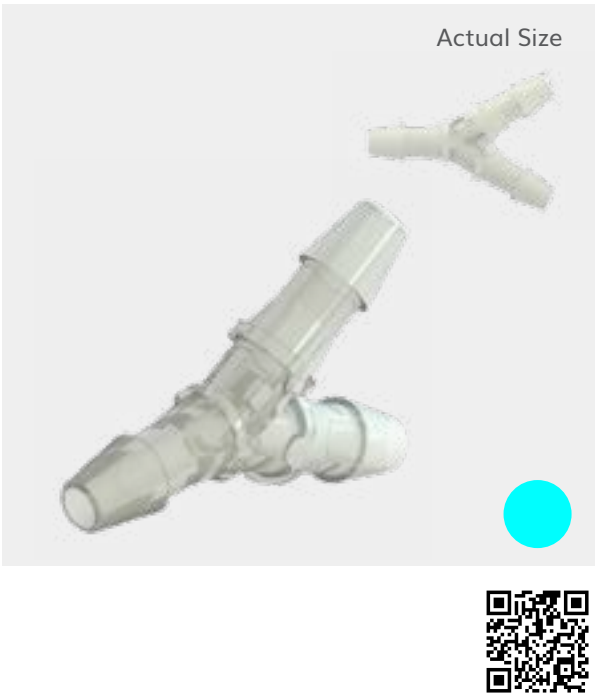
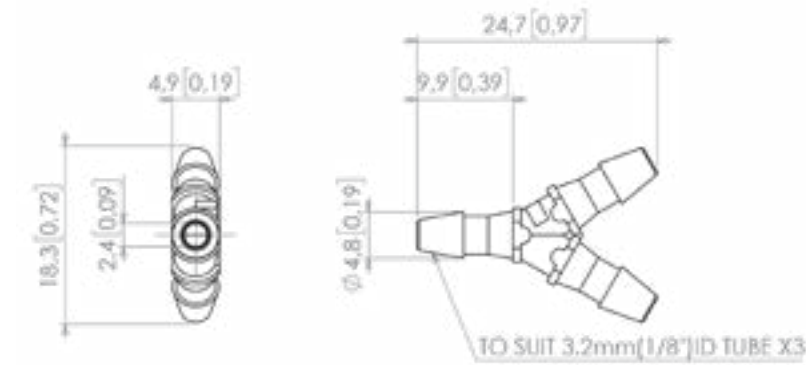
Part Number	Size	Material
E-F-190052	1/16" Barbed Leg to 1/8" Barbs	Animal Free Polypropylene
E-F-190053	1/16" Barbed Leg to 1/8" Barbs	Kynar
E-F-190055	3/32" Barbed Leg to 1/8" Barbs	Animal Free Polypropylene
E-F-190056	3/32" Barbed Leg to 1/8" Barbs	Kynar
E-F-180165	3/32" Barbed Leg to 1/4" Barbs	Natural Nylon
E-F-180166	3/32" Barbed Leg to 1/4" Barbs	Animal Free Polypropylene
E-F-180164	3/32" Barbed Leg to 1/4" Barbs	Kynar
E-F-160238	1/8" Barbed Leg to 1/16" Barbs	Animal Free Polypropylene
E-F-160239	1/8" Barbed Leg to 1/16" Barbs	Kynar
E-F-180168	1/8" Barbed Leg to 1/4" Barbs	Natural Nylon
E-F-180169	1/8" Barbed Leg to 1/4" Barbs	Animal Free Polypropylene
E-F-180167	1/8" Barbed Leg to 1/4" Barbs	Kynar
E-F-180171	3/16" Barbed Leg to 1/4" Barbs	Natural Nylon
E-F-180172	3/16" Barbed Leg to 1/4" Barbs	Animal Free Polypropylene
E-F-180170	3/16" Barbed Leg to 1/4" Barbs	Kynar

see website for dimensional drawings

E-F-171513 - Natural Nylon Equal Y Connector, 1/8" (3.2mm) ID Tube

Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

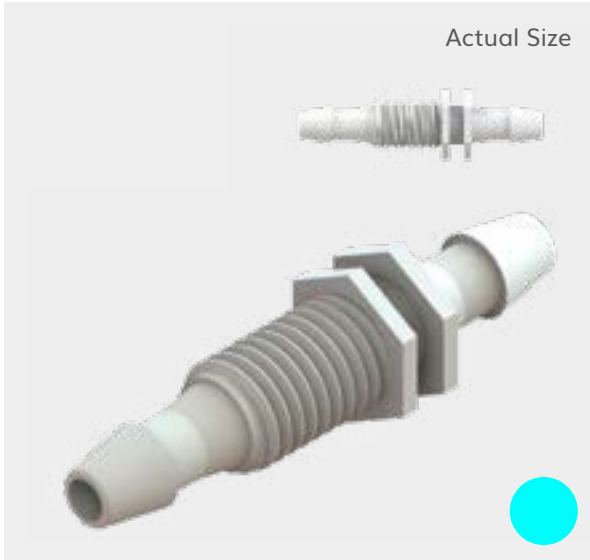


Part Number	Size	Material
E-F-180173	1/16"	Natural Nylon
E-F-180175	1/16"	Animal Free Polypropylene
E-F-180048	1/16"	Kynar
E-F-180177	3/32"	Natural Nylon
E-F-180098	3/32"	Animal Free Polypropylene
E-F-180176	3/32"	Kynar
E-F-171456	1/8"	Animal Free Polypropylene
E-F-180025	1/8"	Kynar
E-F-170562	5/32"	Natural Nylon
E-F-170564	5/32"	Animal Free Polypropylene
E-F-170565	5/32"	Kynar
E-F-170566	3/16"	Natural Nylon
E-F-170568	3/16"	Animal Free Polypropylene
E-F-170569	3/16"	Kynar
E-F-210430	1/4"	Animal Free Polypropylene
E-F-210429	1/4"	Kynar

see website for dimensional drawings

Panel Mount Fittings

E-F-160296 - White Nylon Equal Straight Panel Mount Barb Connector, 1/8" (3.2mm) ID Tube



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: Panel Mount

Wetted Materials: Nylon

Non-wetted Materials: Nylon

Media/Ambient Temperature: -45°C to 135°C (-50°F to 275°F)

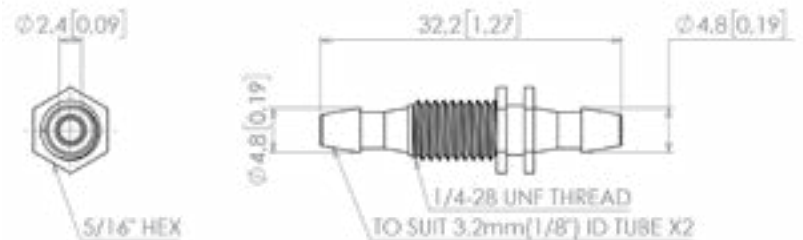
RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Regulatory Information: Meets FDA requirements 21 CFR 178.3297, California Prop. 65

Other Technical Data: A White Nylon equal panel mount connector with 1/4-28 UNF thread and barbs to suit 1/8" (3.2mm) ID tube.

Animal Derivative Free. [Compatible with panel nut E-F-210437.](#)



E-F-210156 - Animal Free Polypropylene Equal Straight Panel Mount Barb Connector, 1/8" (3.2mm) ID Tube



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: Panel Mount

Wetted Materials: Animal Free Polypropylene

Non-wetted Materials: Animal Free Polypropylene

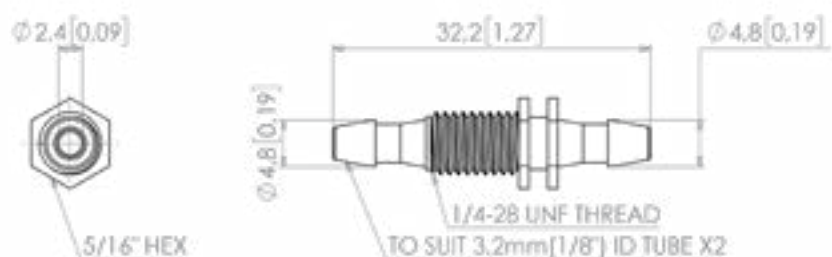
Media/Ambient Temperature: -22°C to 65°C (-9°F to 150°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Regulatory Information: USP Class VI, Meets FDA requirements 21 CFR 177.1520(a)(3)(i) and (c)3.1a

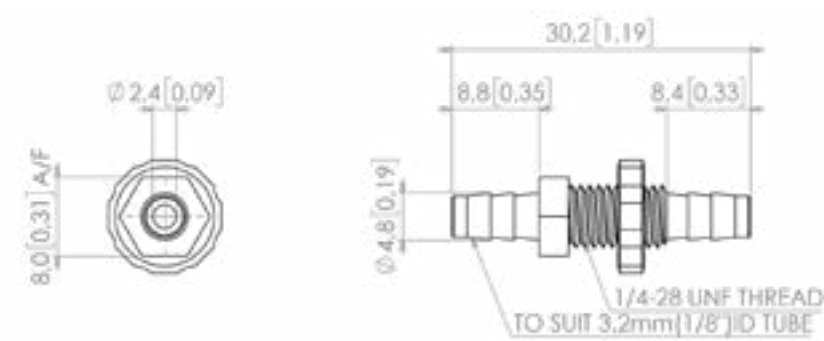
Other Technical Data: An Animal Free Polypropylene equal panel mount connector with 1/4-28 UNF thread and barbs to suit 1/8" (3.2mm) ID tube. [Compatible with panel nut E-F-210437.](#)



E-F-170609 - Black Nylon Equal Straight Panel Mount Multi Barb Connector, 1/8" (3.2mm) ID Tube

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A Black Nylon equal panel mount connector with barbed ports for 1/8" (3.2mm) ID flexible tubing and a 1/4-28 UNF panel mounting thread complete with lock nut. Suitable for compressed air and vacuum.



More from this range



Part Number	Size	Material
E-F-170607	1/16"	Black Nylon
E-F-170608	1/16"	Grey Polypropylene
E-F-170610	1/8"	Grey Polypropylene
E-F-170611	.170"	Black Nylon
E-F-170612	.170"	Grey Polypropylene



Part Number	Size	Material
E-F-170603	1/8" to 1/16"	Black Nylon
E-F-170604	1/8" to 1/16"	Grey Polypropylene
E-F-170605	.170" to 1/8"	Black Nylon
E-F-170606	.170" to 1/8"	Grey Polypropylene
E-F-170601	.170" to 1/16"	Black Nylon
E-F-170602	.170" to 1/16"	Grey Polypropylene

see website for dimensional drawings

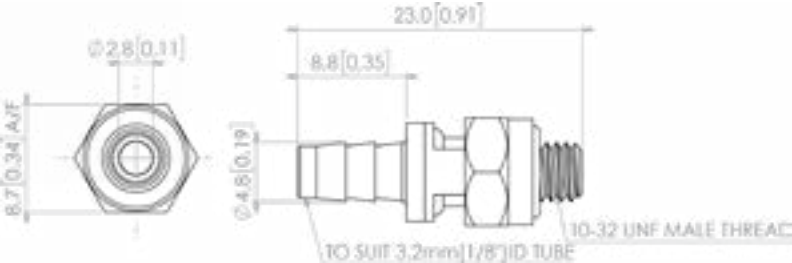
Swivel Fittings

E-F-170655 - Clear Polypropylene Swivel Straight Multi Barb Adapter, Undercut with O-ring Seal, EPDM Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for compressed air and vacuum. The unique design of the swivel fitting allows the barb to swivel 360° in the threaded base. The 10-32 UNF threads are self-sealing and do not require a gasket. Barbs are available for 1/16", 3/32", 1/8" and .170" ID flexible tubing.



More from this range

With undercut O-ring seal



Part Number	Size	Material	O-ring
E-F-170651	1/16" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170650	1/16" to 10-32 UNF	Black Nylon	Buna-N
E-F-170653	3/32" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170652	3/32" to 10-32 UNF	Black Nylon	Buna-N
E-F-170654	1/8" to 10-32 UNF	Black Nylon	Buna-N
E-F-170657	.170" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170656	.170" to 10-32 UNF	Black Nylon	Buna-N

Without O-ring seal



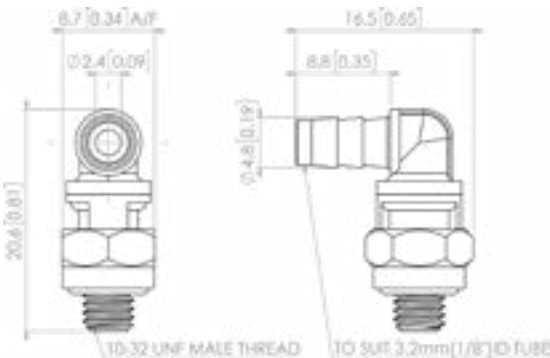
Part Number	Size	Material
E-F-170641	1/16" to 10-32 UNF	Black Nylon
E-F-170642	3/32" to 10-32 UNF	Black Nylon
E-F-170643	1/8" to 10-32 UNF	Black Nylon
E-F-170644	1/16" to 1/8-27 NPT	Black Nylon
E-F-170645	3/32" to 1/8-27 NPT	Black Nylon
E-F-170646	1/8" to 1/8-27 NPT	Black Nylon

see website for dimensional drawings

E-F-170672 - Clear Polypropylene Swivel Elbow Multi Barb Adapter, Undercut with O-ring Seal, EPDM Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for compressed air and vacuum. The unique design of the swivel fitting allows the barb to swivel 360° in the threaded base. The 10-32 UNF threads are self-sealing and do not require a gasket. Barbs are available for 1/16", 3/32", 1/8" and .170" ID flexible tubing.



More from this range

With undercut with O-ring seal



Part Number	Size	Material	O-ring
E-F-170668	1/16" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170667	1/16" to 10-32 UNF	Black Nylon	Buna-N
E-F-170670	3/32" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170669	3/32" to 10-32 UNF	Black Nylon	Buna-N
E-F-170671	1/8" to 10-32 UNF	Black Nylon	Buna-N
E-F-170674	.170" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170673	.170" to 10-32 UNF	Black Nylon	Buna-N

Without O-ring seal



Part Number	Size	Material
E-F-170658	1/16" to 10-32 UNF	Black Nylon
E-F-170659	3/32" to 10-32 UNF	Black Nylon
E-F-170660	1/8" to 10-32 UNF	Black Nylon
E-F-170661	1/16" to 1/8-27 NPT	Black Nylon
E-F-170662	3/32" to 1/8-27 NPT	Black Nylon
E-F-170663	1/8" to 1/8-27 NPT	Black Nylon

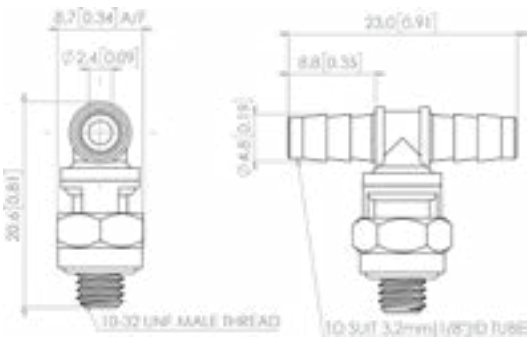
see website for dimensional drawings

E-F-170689 - Clear Polypropylene Swivel Tee Multi Barb Adapter, Undercut with O-ring Seal, EPDM Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Connection 3: 1/8" (3.2mm) ID Tube
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for compressed air and vacuum. The unique design of the swivel fitting allows the barb to swivel 360° in the threaded base. The 10-32 UNF threads are self-sealing and do not require a gasket. Barbs are available for 1/16", 3/32", 1/8" and .170" ID flexible tubing.



More from this range

With undercut with O-ring seal



Part Number	Size	Material	O-ring
E-F-170685	1/16" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170684	1/16" to 10-32 UNF	Black Nylon	Buna-N
E-F-170687	3/32" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170686	3/32" to 10-32 UNF	Black Nylon	Buna-N
E-F-170688	1/8" to 10-32 UNF	Black Nylon	Buna-N
E-F-170691	.170" to 10-32 UNF	Clear Polypropylene	EPDM
E-F-170690	.170" to 10-32 UNF	Black Nylon	Buna-N

Without undercut O-ring seal



Part Number	Size	Material
E-F-170675	1/16" to 10-32 UNF	Black Nylon
E-F-170678	1/16" to 1/8-27 NPT	Black Nylon
E-F-170676	3/32" to 10-32 UNF	Black Nylon
E-F-170679	3/32" to 1/8-27 NPT	Black Nylon
E-F-170677	1/8" to 10-32 UNF	Black Nylon
E-F-170680	1/8" to 1/8-27 NPT	Black Nylon

see website for dimensional drawings

E-F-210394 - White Nylon Press-In Plug Fitting, 1/8" (3.2mm) ID Tube

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: Closed End

Mounting Style: In-line

Wetted Materials: Nylon

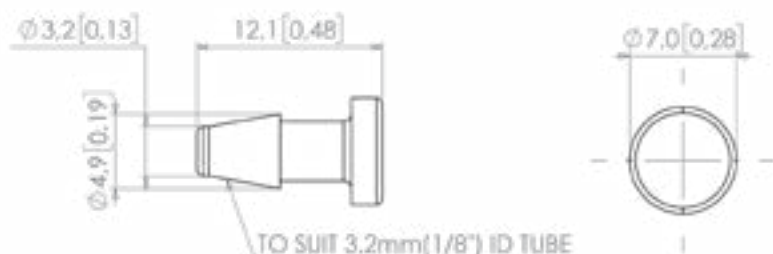
Non-wetted Materials: Nylon

Media/Ambient Temperature: -51°C to 93°C (-60°F to 200°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Other Technical Data: A White Nylon press-in plug fitting with barb to suit 1/8" (3.2mm) ID tube.



More from this range



1/16"
White Nylon
E-F-210133



1/16" Animal Free
Polypropylene
E-F-210054



1/8" Animal Free
Polypropylene
E-F-210374



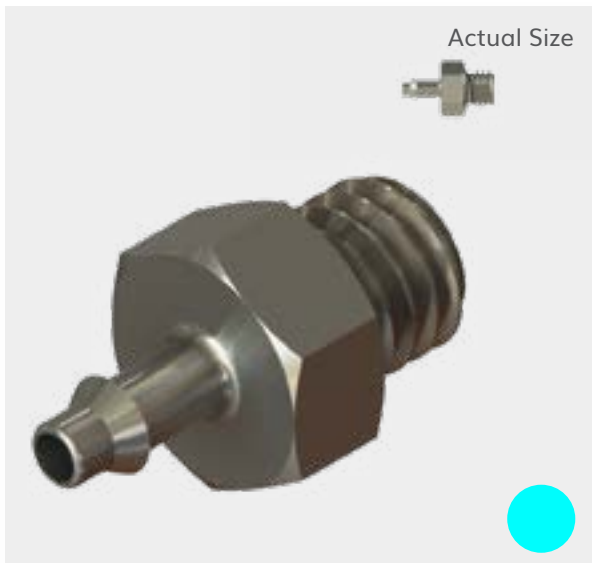
1/4"
White Nylon
E-F-210395



1/4" Animal Free
Polypropylene
E-F-210089

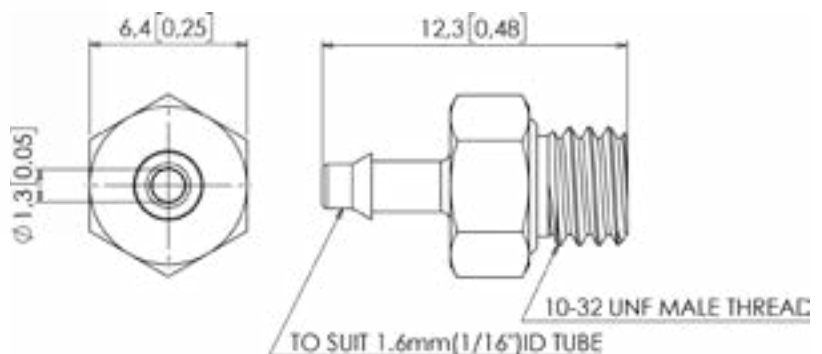
Metal Fittings

E-F-220213 - Nickel Plated Brass Straight Threaded Adapter Undercut with O-Ring, Buna-N Seal, 1/16" (1.6mm) ID Tube to 10-32 UNF Male Thread



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications.
The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.

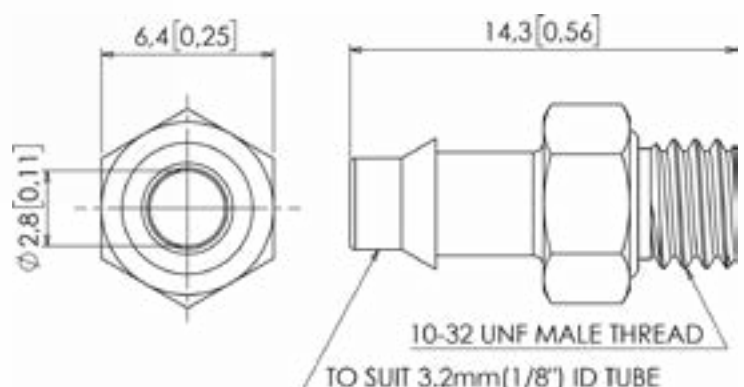


E-F-230096 - Nickel Plated Brass Straight Threaded Adapter Undercut with O-Ring, Buna-N Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications.
The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



E-F-210438 - Nickel Plated Brass Equal Straight Connector, 1/16" (1.6mm) ID Tube

Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nickel Plated Brass

Non-wetted Materials: Nickel Plated Brass

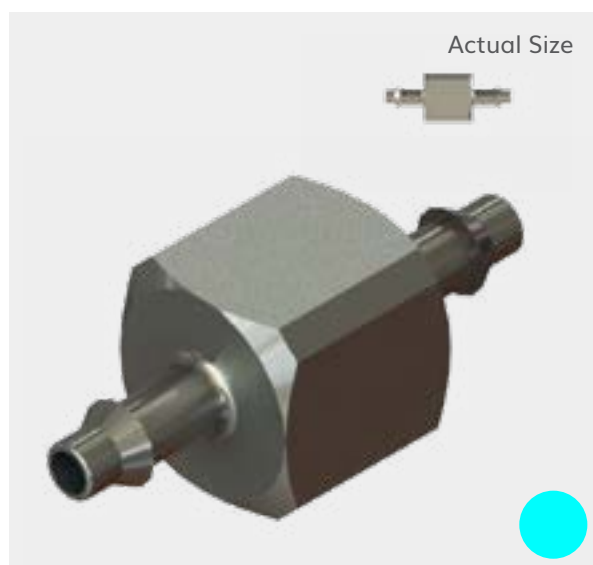
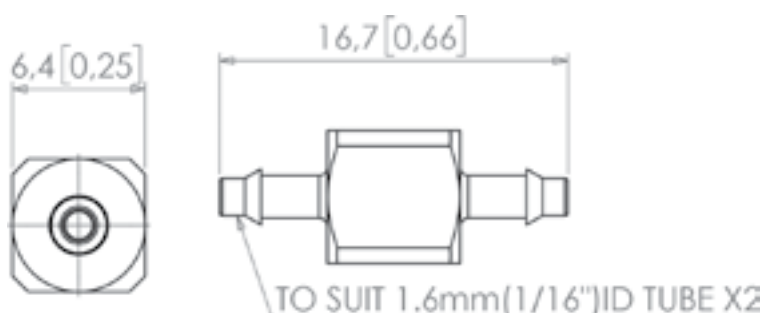
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Other Technical Data: Compatible with pneumatic applications.

The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available - E-F-210439
1/8" (3.2mm) ID Tube

E-F-210442 - Nickel Plated Brass Equal Cross Connector, 1/16" (1.6mm) ID Tube

Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nickel Plated Brass

Non-wetted Materials: Nickel Plated Brass

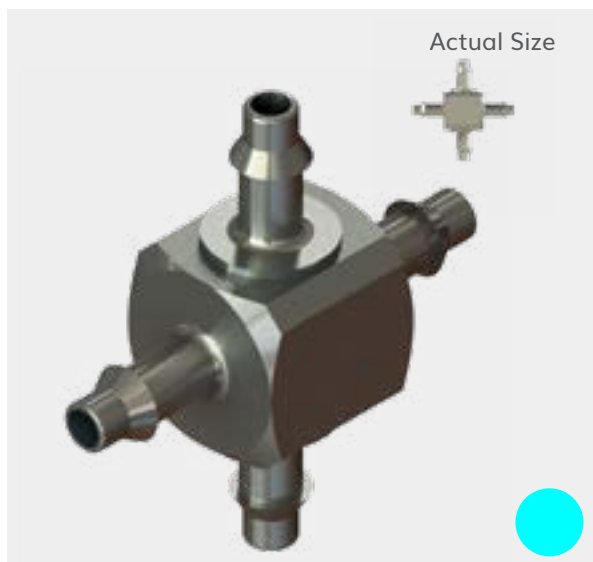
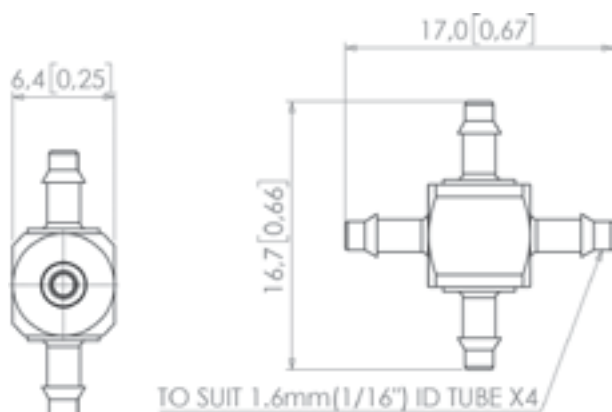
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

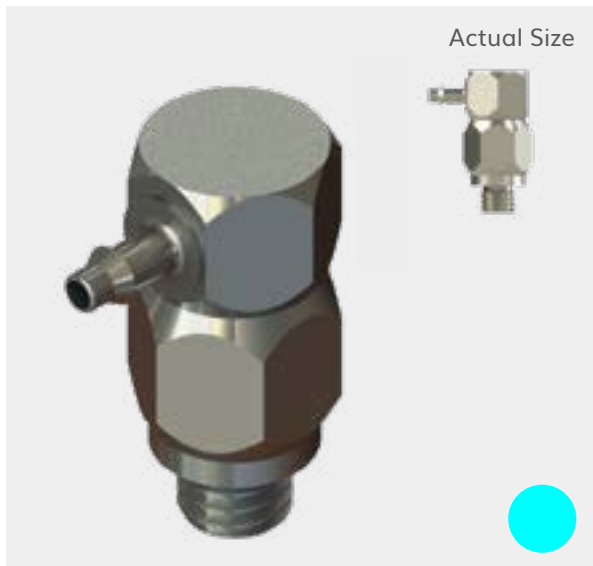
Other Technical Data: Compatible with pneumatic applications.

The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



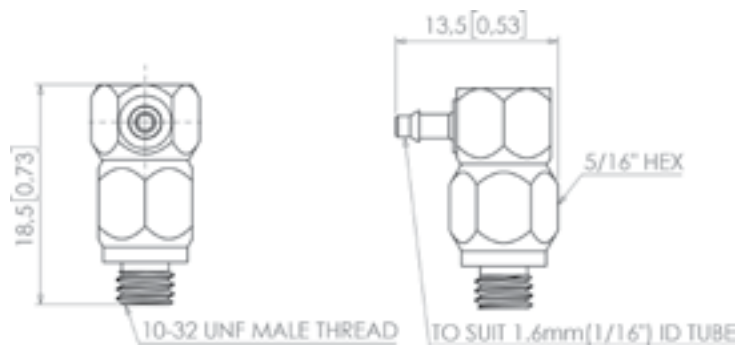
Also available - E-F-210443
1/8" (3.2mm) ID Tube

E-F-210452 - Nickel Plated Brass Swivel Elbow Adaptor, Buna-N Seal, 10-32 UNF Male Thread to 1/16" (1.6mm) ID Tube



Technical Data

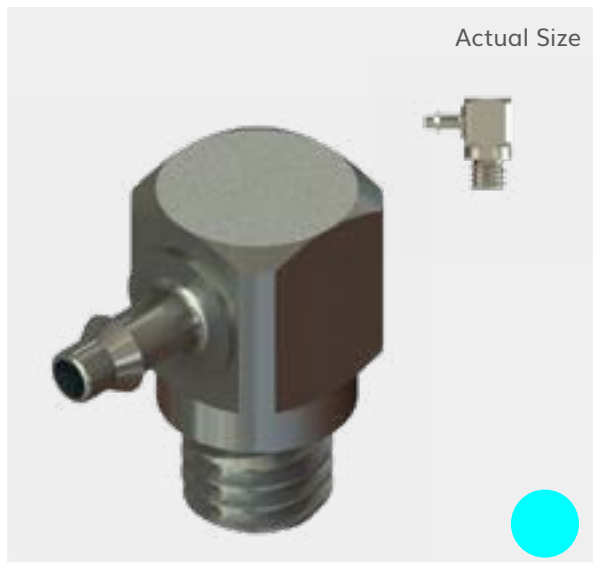
Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications.
 The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available - E-F-200039

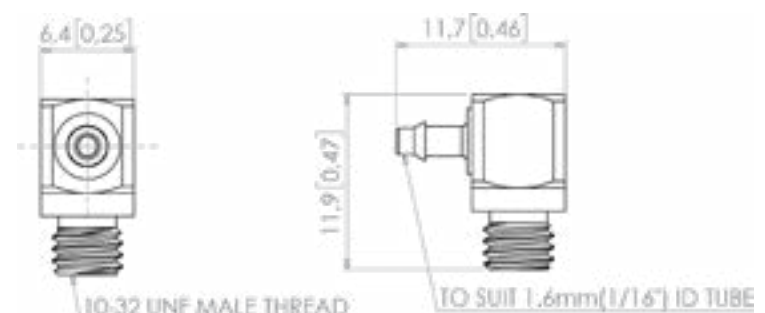
1/8" (3.2mm) ID Tube

E-F-210444 - Nickel Plated Brass Elbow Threaded Adaptor, 10-32 UNF Male Thread to 1/16" (1.6mm) ID Tube



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications.
 The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available - E-F-210445

1/8" (3.2mm) ID Tube

E-F-210440 - Nickel Plated Brass Equal Tee Connector, 1/16" (1.6mm) ID Tube

Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nickel Plated Brass

Non-wetted Materials: Nickel Plated Brass

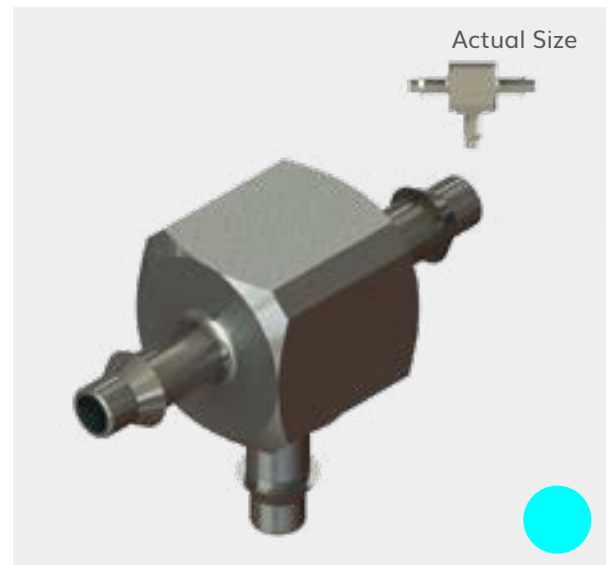
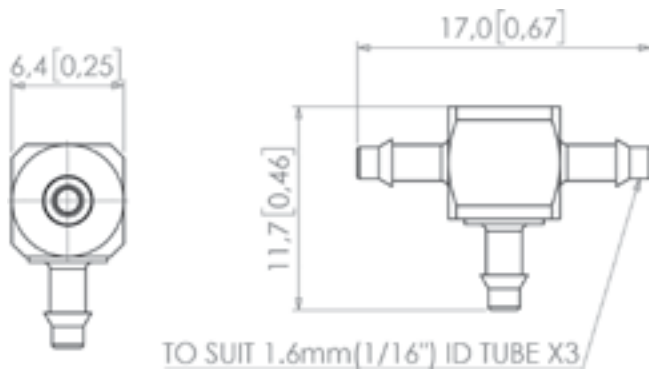
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Other Technical Data: Compatible with pneumatic applications.

The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available - E-F-210441
1/8" (3.2mm) ID Tube

E-F-210450 - Nickel Plated Brass Positionable Tee Threaded Adapter, Undercut Buna-N Seal, 10-32 UNF Male Thread to 1/16" (1.6mm) ID Tube

Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)

Connection 1: 1/16" (1.6mm) ID Tube

Connection 2: 10-32 UNF Male Thread

Connection 3: 1/16" (1.6mm) ID Tube

Mounting Style: Threaded

Wetted Materials: Nickel Plated Brass, Buna-N

Non-wetted Materials: Nickel Plated Brass

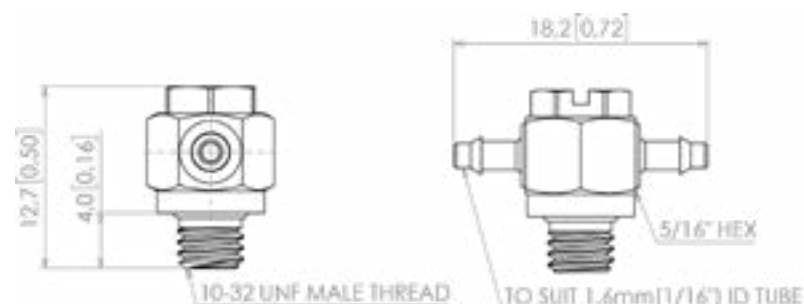
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Other Technical Data: Compatible with pneumatic applications.

The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



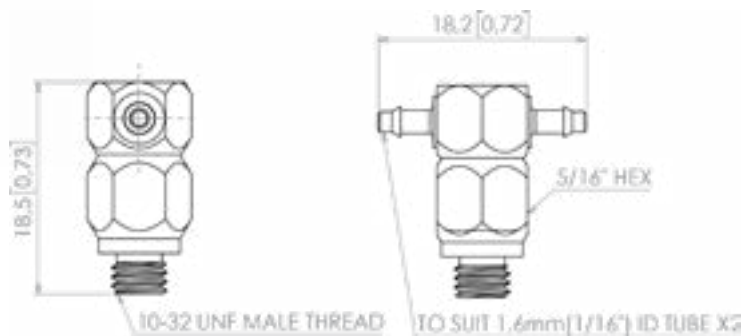
Also available - E-F-210451
1/8" (3.2mm) ID Tube

E-F-210453 - Nickel Plated Brass Swivel Tee Adapter, Buna-N Seal, 10-32 UNF Male Thread to 1/16" (1.6mm) ID Tube



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Connection 3: 1/16" (1.6mm) ID Tube
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications.
 The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available - E-F-210454

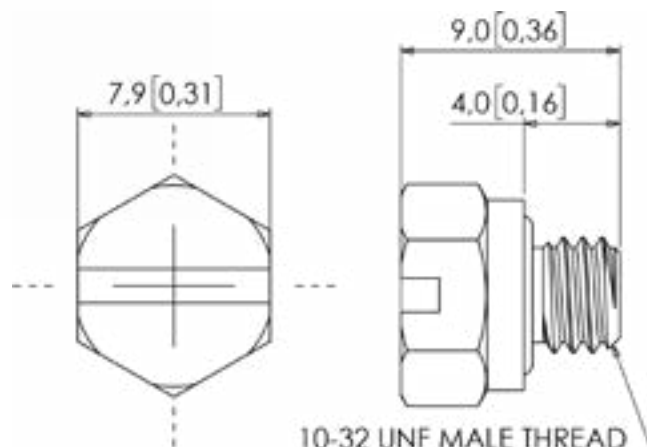
1/8" (3.2mm) ID Tube

E-F-230095 - Nickel Plated Brass Screwdriver Slot Plug Undercut Buna-N Seal, 10-32 UNF Male Thread



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: None - Closed End
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A Nickel Plated Brass plug complete with 3/8" Hex screwdriver slot body and Buna-N O-ring. 10-32 UNF male thread connection.



Introducing our EBF Series Fittings

Available in 1/16" and 1/8"

Other sizes available - MOQ applies



Technical Information:

- New O-ring groove design for better sealing
- Innovative barb design to ensure easy tube insertion
- 1/4" hexagon for a compact design
- Available in 316 Stainless Steel, Brass and Nickel Plated Brass
- O-ring available in EPDM, Nitrile, Silicone and Viton (FKM)

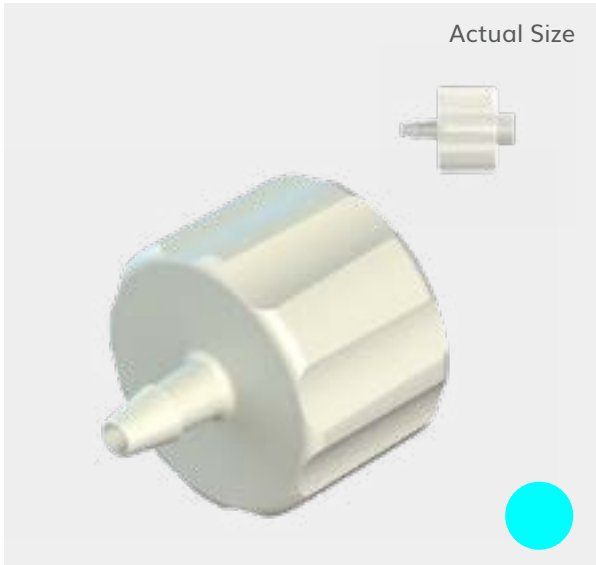
For more information on our EBF Series

Contact us - sales@eoxshop.com or call +44 (0)2392 266031



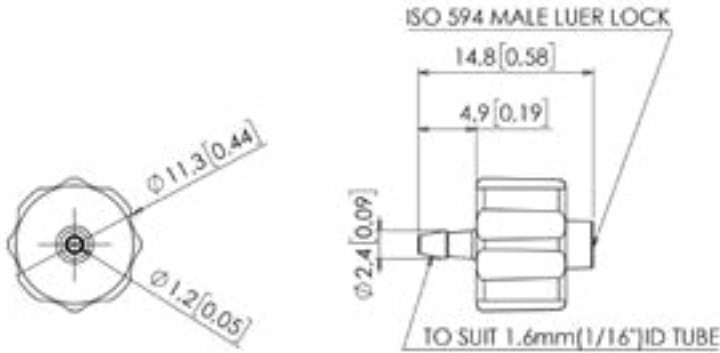
Plastic Luers

E-F-210245 - White Nylon Luer, 1/16" (1.6mm) ID Tube to Male Luer Lock



Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A White Nylon luer with barb for 1/16" (1.6mm) ID tube to male luer lock. Phthalate Free. Latex Free. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/16"
Clear ABS
E-F-170576



1/16" Animal Free
Polypropylene
E-F-160074



1/16"
Clear Polycarbonate
E-F-160075



1/16"
Kynar
E-F-160077

Also Available



Part Number	Size	Material
E-F-210253	3/32"	White Nylon
E-F-170580	3/32"	Clear ABS
E-F-160027	3/32"	Animal Free Polypropylene
E-F-160079	3/32"	Clear Polycarbonate
E-F-160080	3/32"	Rad Stable Polycarbonate
E-F-160081	3/32"	Kynar



Part Number	Size	Material
E-F-210250	1/8"	White Nylon
E-F-170579	1/8"	Clear ABS
E-F-160083	1/8"	Animal Free Polypropylene
E-F-160021	1/8"	Clear Polycarbonate
E-F-160085	1/8"	Kynar



Part Number	Size	Material
E-F-210320	5/32"	White Nylon
E-F-170581	5/32"	Clear ABS
E-F-160087	5/32"	Animal Free Polypropylene
E-F-160088	5/32"	Clear Polycarbonate
E-F-160090	5/32"	Kynar



Part Number	Size	Material
E-F-210252	3/16"	White Nylon
E-F-160092	3/16"	Animal Free Polypropylene
E-F-160093	3/16"	Clear Polycarbonate
E-F-160094	3/16"	Rad Stable Polycarbonate
E-F-160095	3/16"	Kynar



Part Number	Size	Material
E-F-210248	1/4"	White Nylon
E-F-160097	1/4"	Animal Free Polypropylene
E-F-160098	1/4"	Clear Polycarbonate
E-F-160099	1/4"	Rad Stable Polycarbonate
E-F-160100	1/4"	Kynar



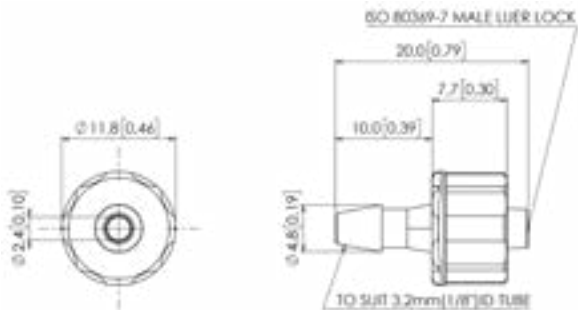
see website for dimensional drawings

E-F-190021 - ISO 80369-7 Clear ABS Luer, 1/8" (3.2mm) ID Tube to Male Luer Lock



Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Clear ABS
Non-wetted Materials: Clear ABS
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Other Technical Data: A Clear ABS luer with barb for 1/8" (3.2mm) ID tube to ISO 80369-7 male luer lock. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation methods.



More from this range



Clear ABS

Part Number	Size	Material
E-F-190019	1/16"	Clear ABS
E-F-190007	1/16"	Clear Polycarbonate
E-F-190020	3/32"	Clear ABS
E-F-190008	3/32"	Clear Polycarbonate
E-F-190009	1/8"	Clear Polycarbonate
E-F-190022	5/32"	Clear ABS
E-F-190010	5/32"	Clear Polycarbonate
E-F-190023	3/16"	Clear ABS
E-F-190011	3/16"	Clear Polycarbonate
E-F-190024	1/4"	Clear ABS
E-F-190012	1/4"	Clear Polycarbonate



Bond-In - Acrylic

Bond-in Port to Male Luer Lock

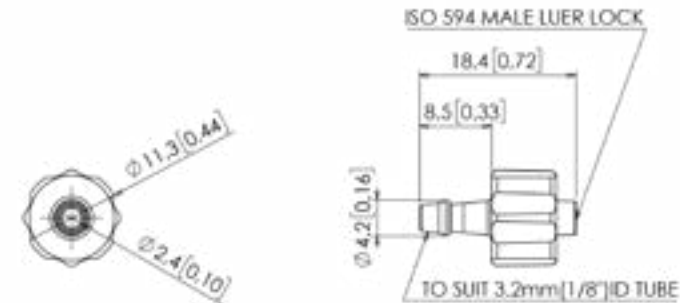
Part Number	Size	Material
E-F-180204	.100"/.090"	Clear Acrylic
E-F-180205	.115"/.105"	Clear Acrylic
E-F-180206	.134"/.123"	Clear Acrylic
E-F-180022	.192"/.182"	Clear Acrylic

see website for dimensional drawings

E-F-180005 - Natural Nylon High Flow Barb Luer, 1/8" (3.2mm) ID Tube to Male Luer Lock

Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A Natural Nylon luer with high flow barb for 1/8" (3.2mm) ID tube to male luer lock. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/4" - Rad Stable

Part Number	Size	Material
E-F-160103	1/8"	Animal Free Polypropylene
E-F-160104	1/8"	Clear Polycarbonate
E-F-160105	1/8"	Rad Stable Polycarbonate
E-F-160106	1/8"	Kynar
E-F-180208	5/32"	Animal Free Polypropylene
E-F-180209	5/32"	Clear Polycarbonate
E-F-180210	5/32"	Rad Stable Polycarbonate
E-F-180211	5/32"	Kynar
E-F-180212	3/16"	Natural Nylon
E-F-180213	3/16"	Animal Free Polypropylene
E-F-170591	3/16"	Rad Stable Polycarbonate
E-F-180215	3/16"	Kynar
E-F-180216	1/4"	Natural Nylon
E-F-180115	1/4"	Animal Free Polypropylene
E-F-180218	1/4"	Rad Stable Polycarbonate
E-F-180219	1/4"	Kynar

see website for dimensional drawings

E-F-180221 - Natural Nylon Rigid Barb Luer, 1/16" (1.6mm) ID Tube to Male Luer Lock



Technical Data

Connection 1: Male Luer Lock

Connection 2: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Natural Nylon

Non-wetted Materials: Natural Nylon

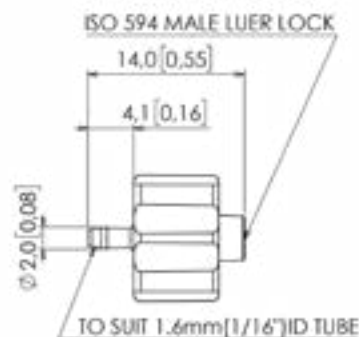
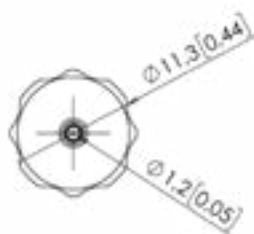
RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR

177.1500, California Prop. 65, ISO 594

Other Technical Data: A Natural Nylon luer with rigid barb for 1/16" (1.6mm) ID tube to male luer lock. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/16" Animal
Free Polypropylene
E-F-180223



1/16" Clear
Polycarbonate
E-F-180222



1/16" Rad Stable
Polycarbonate
E-F-180224

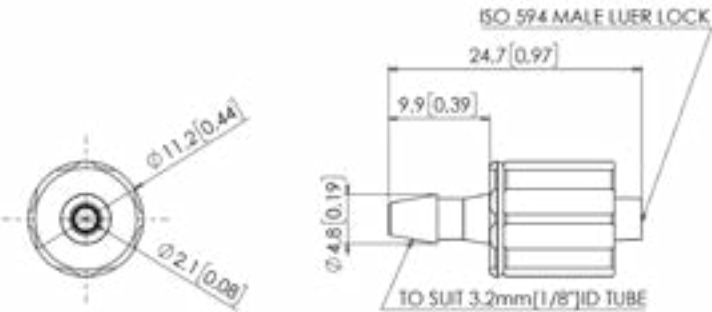


1/16"
Kynar
E-F-180220

E-F-160143 - Lipid Resistant Rad Stable Polycarbonate Rotating Luer With Snap Ring, 1/8" (3.2mm) ID Tube to Male Luer Lock

Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 594, ISO 10993
Other Technical Data: A Clear ABS luer with barb for 1/8" (3.2mm) ID tube to male luer lock complete with snap ring. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range



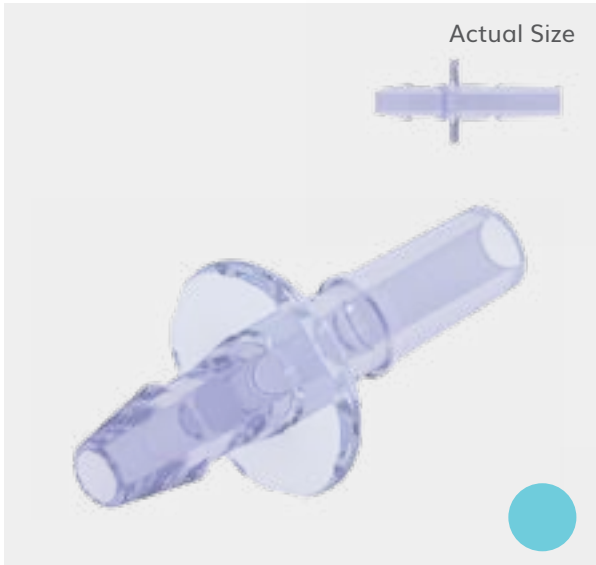
Part Number	Size	Material
E-F-160137	1/32"	Lipid Resistant Rad Stable Polycarbonate
E-F-160139	1/16"	Lipid Resistant Rad Stable Polycarbonate
E-F-160138	1/16"	Clear ABS
E-F-160141	3/32"	Lipid Resistant Rad Stable Polycarbonate
E-F-160140	3/32"	Clear ABS
E-F-160142	1/8"	Clear ABS
E-F-160145	5/32"	Lipid Resistant Rad Stable Polycarbonate
E-F-160144	5/32"	Clear ABS
E-F-160147	3/16"	Lipid Resistant Rad Stable Polycarbonate
E-F-160146	3/16"	Clear ABS
E-F-160149	1/4"	Lipid Resistant Rad Stable Polycarbonate
E-F-160148	1/4"	Clear ABS



Part Number	Size	Material
E-F-180230	5/32" High Flow	Lipid Resistant Rad Stable Polycarbonate
E-F-180229	5/32" High Flow	Clear ABS
E-F-180232	3/16" High Flow	Lipid Resistant Rad Stable Polycarbonate
E-F-180231	3/16" High Flow	Clear ABS
E-F-180234	1/4" High Flow	Lipid Resistant Rad Stable Polycarbonate
E-F-180233	1/4" High Flow	Clear ABS

see website for dimensional drawings

E-F-160121 - Lipid Resistant Rad Stable Polycarbonate Rotating Luer, 1/8" (3.2mm) ID Tube to Male Slip Luer

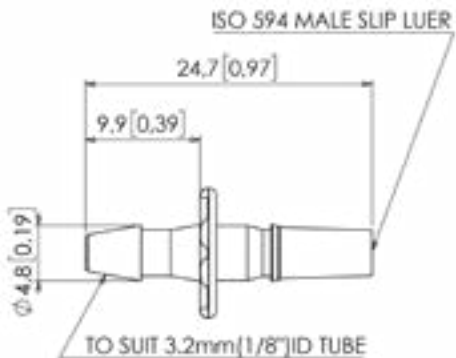
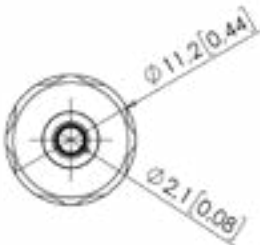


Technical Data

Connection 1: Male Slip Luer
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594
Other Technical Data: A Lipid Resistant Rad Stable Polycarbonate luer with barb for 1/8" (3.2mm) ID tube to male slip luer. Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free.



See page 44 for Snap Rings



More from this range



1/4" - Clear ABS



1/4" - High Flow

Part Number	Size	Material
E-F-160115	1/32"	Rad Stable Polycarbonate
E-F-160117	1/16"	Rad Stable Polycarbonate
E-F-160116	1/16"	Clear ABS
E-F-160119	3/32"	Rad Stable Polycarbonate
E-F-160118	3/32"	Clear ABS
E-F-160120	1/8"	Clear ABS
E-F-160123	5/32"	Rad Stable Polycarbonate
E-F-160122	5/32"	Clear ABS
E-F-160127	1/4"	Rad Stable Polycarbonate
E-F-160126	1/4"	Clear ABS

Part Number	Size	Material
E-F-180236	5/32" High Flow	Lipid Resistant Rad Stable Polycarbonate
E-F-180235	5/32" High Flow	Clear ABS
E-F-180238	3/16" High Flow	Lipid Resistant Rad Stable Polycarbonate
E-F-180237	3/16" High Flow	Clear ABS
E-F-180240	1/4" High Flow	Lipid Resistant Rad Stable Polycarbonate
E-F-180239	1/4" High Flow	Clear ABS

see website for dimensional drawings

E-F-230060 - ISO 80369-7 Lipid Resistant Rad Stable Polycarbonate Luer Coupler, Male Slip Luer

Technical Data

Connection 1: Male Slip Luer

Connection 2: Male Slip Luer

Mounting Style: In-line

Wetted Materials: Lipid Resistant Radiation Stable Polycarbonate

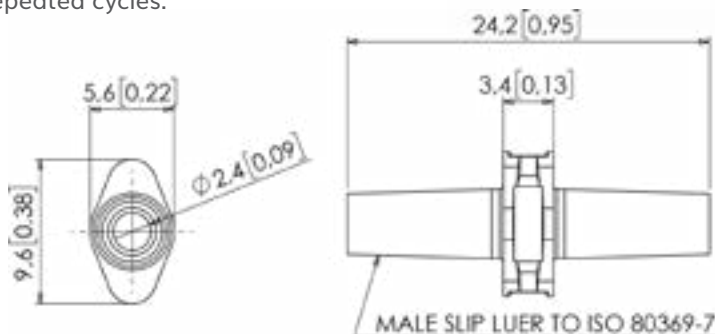
Non-wetted Materials: Lipid Resistant Radiation Stable Polycarbonate

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-7

Other Technical Data: Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free. Compatible with gamma and EtO (Ethylene Oxide) sterilisation and can withstand radiation doses in the range of 100kGy. Polycarbonate has sufficient temperature resistance to allow autoclave sterilisation, but is not suited to repeated cycles.



E-F-220127 - Lipid Resistant Radiation Stable Polycarbonate Rotating Elbow Luer, 1/8" (3.2mm) ID Tube to Male Slip Luer

Technical Data

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: Male Slip Luer

Mounting Style: In-line

Wetted Materials: Lipid Resistant Radiation Stable Polycarbonate

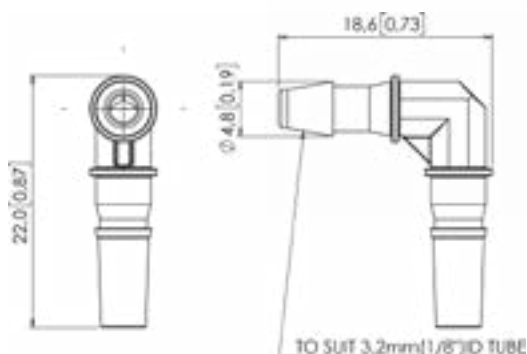
Non-wetted Materials: Lipid Resistant Radiation Stable Polycarbonate

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594

Other Technical Data: Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free. Compatible with gamma and EtO (Ethylene Oxide) sterilisation and can withstand Radiation doses in the range of 100kGy. Polycarbonate has sufficient temperature resistance to allow autoclave sterilisation, but is not suited to repeated cycles.



See page 44 for Snap Rings



E-F-210225 - White Nylon Female Luer Lock to 1/16" (1.6mm) ID Tube



Technical Data

Connection 1: Female Luer Lock

Connection 2: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: White Nylon

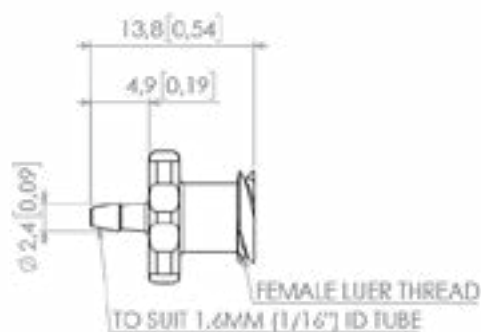
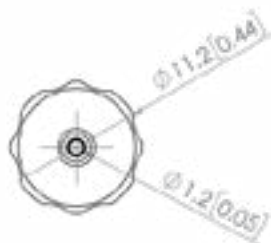
Non-wetted Materials: White Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: A White Nylon female luer lock to barb for 1/16" (1.6mm) ID tube. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/16"
Clear ABS
E-F-180244



1/16" Animal Free
Polypropylene
E-F-160030



1/16" Clear
Polycarbonate
E-F-160031



1/16"
Kynar
E-F-160033



E-F-160028 - Female Luer Lock
to 1/32" Barb, Lipid Resistant
Rad Stable Polycarbonate



Also Available



Part Number	Size	Material
E-F-210230	3/32"	White Nylon
E-F-160035	3/32"	Animal Free Polypropylene
E-F-160036	3/32"	Clear Polycarbonate
E-F-160037	3/32"	Rad Stable Polycarbonate
E-F-160038	3/32"	Kynar



Part Number	Size	Material
E-F-210227	1/8"	White Nylon
E-F-160040	1/8"	Animal Free Polypropylene
E-F-160041	1/8"	Clear Polycarbonate
E-F-160042	1/8"	Rad Stable Polycarbonate
E-F-160043	1/8"	Kynar



Part Number	Size	Material
E-F-210233	5/32"	White Nylon
E-F-170573	5/32"	Clear ABS
E-F-160046	5/32"	Animal Free Polypropylene
E-F-160047	5/32"	Clear Polycarbonate
E-F-160048	5/32"	Rad Stable Polycarbonate
E-F-160049	5/32"	Kynar



Part Number	Size	Material
E-F-210229	3/16"	White Nylon
E-F-170571	3/16"	Clear ABS
E-F-160051	3/16"	Animal Free Polypropylene
E-F-160052	3/16"	Clear Polycarbonate
E-F-160053	3/16"	Rad Stable Polycarbonate
E-F-160054	3/16"	Kynar



Part Number	Size	Material
E-F-210226	1/4"	White Nylon
E-F-180247	1/4"	Clear ABS
E-F-160056	1/4"	Animal Free Polypropylene
E-F-160057	1/4"	Clear Polycarbonate
E-F-160058	1/4"	Rad Stable Polycarbonate
E-F-160059	1/4"	Kynar



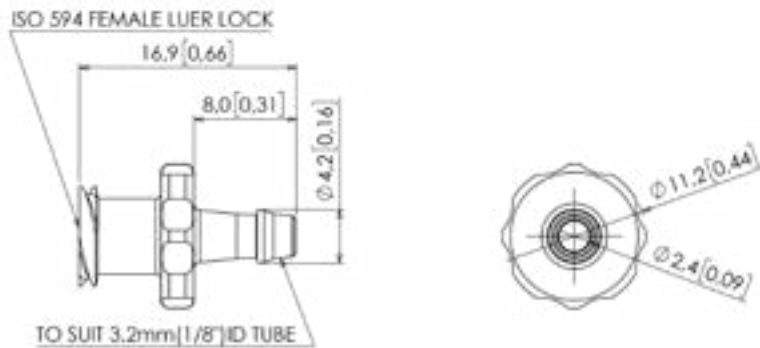
see website for dimensional drawings

E-F-180184 - Natural Nylon High Flow Barb Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A Natural Nylon female luer lock to high flow barb for 1/8" (3.2mm) ID tube. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/4" - Rad Stable

Part Number	Size	Material
E-F-160060	1/8"	Animal Free Polypropylene
E-F-160061	1/8"	Clear Polycarbonate
E-F-160062	1/8"	Rad Stable Polycarbonate
E-F-160063	1/8"	Kynar
E-F-180185	5/32"	Natural Nylon
E-F-180186	5/32"	Animal Free Polypropylene
E-F-180187	5/32"	Clear Polycarbonate
E-F-180188	5/32"	Rad Stable Polycarbonate
E-F-180189	5/32"	Kynar
E-F-180190	3/16"	Natural Nylon
E-F-171502	3/16"	Animal Free Polypropylene
E-F-180191	3/16"	Clear Polycarbonate
E-F-180192	3/16"	Rad Stable Polycarbonate
E-F-180193	3/16"	Kynar
E-F-180194	1/4"	Natural Nylon
E-F-180195	1/4"	Animal Free Polypropylene
E-F-180196	1/4"	Clear Polycarbonate
E-F-180197	1/4"	Rad Stable Polycarbonate
E-F-180198	1/4"	Kynar

see website for dimensional drawings

E-F-180199 - Natural Nylon Rigid Barb Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube

Technical Data

Connection 1: Female Luer Lock

Connection 2: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Natural Nylon

Non-wetted Materials: Natural Nylon

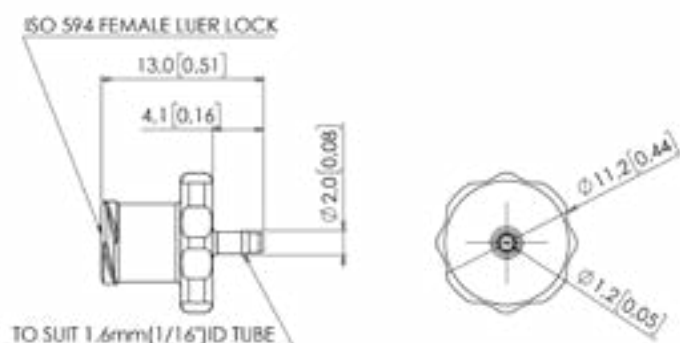
RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR

177.1500, California Prop. 65, ISO 594

Other Technical Data: A Natural Nylon female luer lock to rigid barb for 1/16" (1.6mm) ID tube. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



1/16" Animal Free
Polypropylene
E-F-180200



1/16" Clear
Polycarbonate
E-F-180201



1/16" Rad Stable
Polycarbonate
E-F-180202



1/16" Kynar
E-F-180203

E-F-160134 - Clear ABS Rotating Luer With Snap Ring, Female Luer Lock to Male Luer Lock



Technical Data

Connection 1: Female Luer Lock

Connection 2: Male Luer Lock

Mounting Style: In-line

Wetted Materials: Clear ABS

Non-wetted Materials: Clear ABS

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32, California Prop. 65, ISO 594

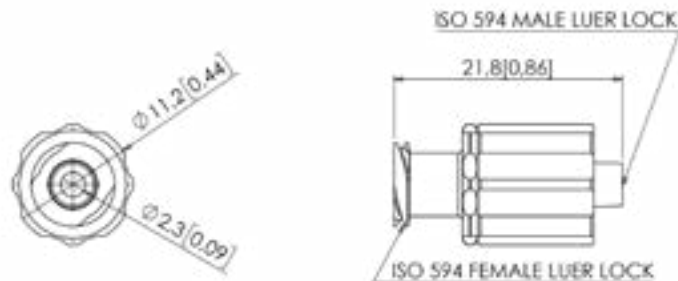
Other Technical Data: A Clear ABS female luer lock to male luer lock complete with snap ring. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



Also available - E-F-160135

Lipid Resistant Rad

Stable Polycarbonate



E-F-160114 - Clear ABS Rotating Luer, Female Luer Lock to Male Slip Luer



Technical Data

Connection 1: Female Luer Lock

Connection 2: Male Slip Luer

Mounting Style: In-line

Wetted Materials: Clear ABS

Non-wetted Materials: Clear ABS

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32, California Prop. 65, ISO 594

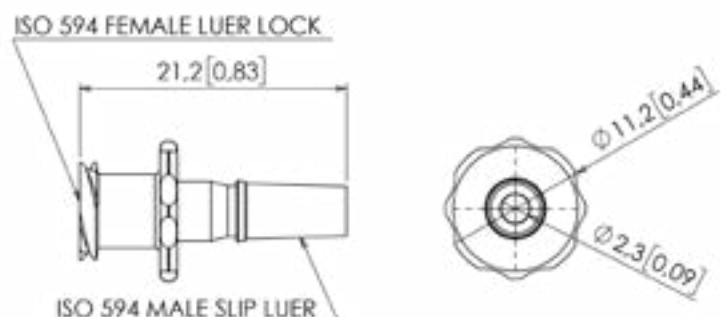
Other Technical Data: A Clear ABS female luer lock to male slip luer. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



Also available - E-F-160112

Lipid Resistant Rad

Stable Polycarbonate



E-F-210303 - White Nylon Rotating Snap Ring

Technical Data

Connection: Male Luer Lock

Mounting Style: In-line

Wetted Materials: White Nylon

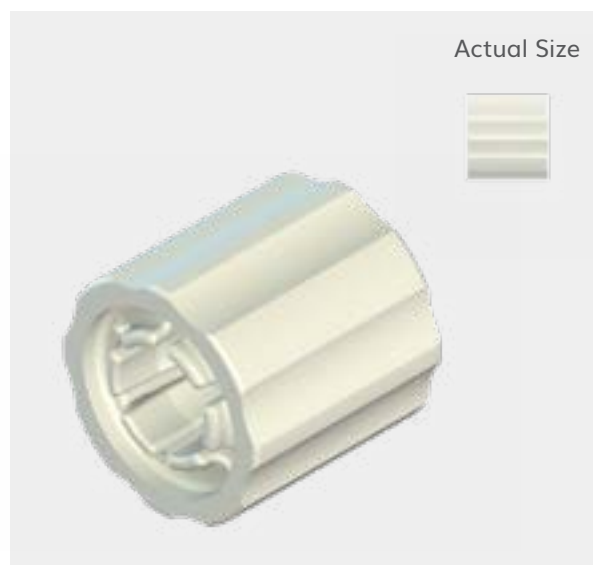
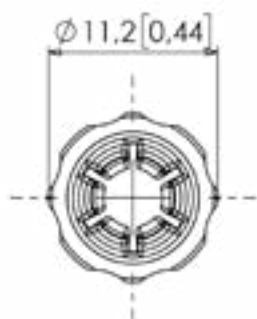
Non-wetted Materials: White Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: A White Nylon snap ring used for a rotating male luer. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



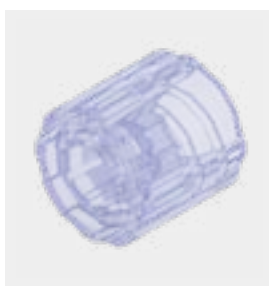
More from this range



Snap Ring - Clear
ABS
[E-F-160128](#)



Snap Ring - Clear
Polycarbonate
[E-F-160132](#)



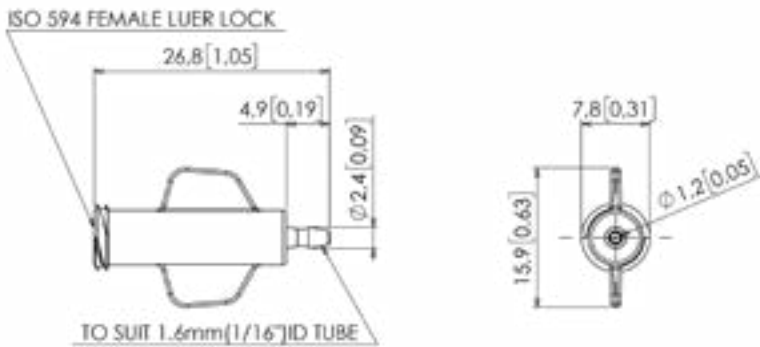
Snap Ring - Rad
Stable Polycarbonate
[E-F-160133](#)

E-F-160064 - Clear ABS Wing Grip Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Clear ABS
Non-wetted Materials: Clear ABS
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 594
Other Technical Data: A Clear ABS wing grip female luer lock to 1/16" (1.6mm) ID tube. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range



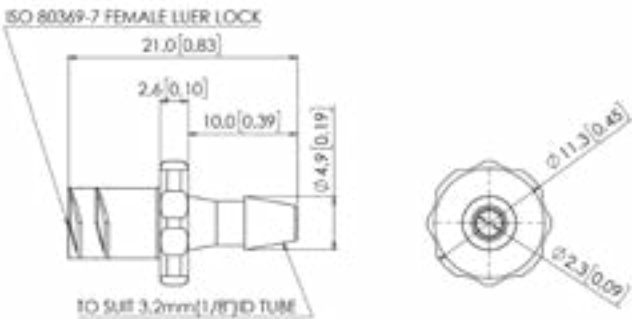
3/32" - Polycarbonate

Part Number	Size	Material
E-F-160065	1/16"	Animal Free Polypropylene
E-F-160066	1/16"	Clear Polycarbonate
E-F-160067	3/32"	Clear ABS
E-F-160068	3/32"	Animal Free Polypropylene
E-F-160069	3/32"	Clear Polycarbonate
E-F-160070	1/8"	Clear ABS
E-F-160071	1/8"	Animal Free Polypropylene
E-F-160072	1/8"	Clear Polycarbonate

E-F-190027 - ISO 80369-7 Clear ABS Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube

Technical Data

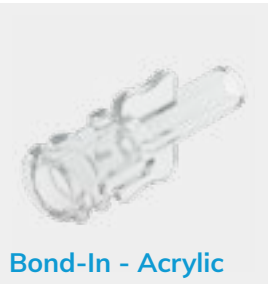
Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Clear ABS
Non-wetted Materials: Clear ABS
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Other Technical Data: A Clear ABS luer with ISO 80369-7 female luer lock to barb for 1/8" (3.2mm) ID tube. Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range



1/4" - Polycarbonate



Bond-In - Acrylic

Part Number	Size	Material
E-F-190025	1/16"	Clear ABS
E-F-190013	1/16"	Clear Polycarbonate
E-F-190026	3/32"	Clear ABS
E-F-190014	3/32"	Clear Polycarbonate
E-F-190015	1/8"	Clear Polycarbonate
E-F-190028	5/32"	Clear ABS
E-F-190016	5/32"	Clear Polycarbonate
E-F-190029	3/16"	Clear ABS
E-F-190017	3/16"	Clear Polycarbonate
E-F-190030	1/4"	Clear ABS
E-F-190018	1/4"	Clear Polycarbonate

Bond-in Port to Female Luer Lock

Part Number	Size	Material
E-F-180016	.065"/.056"	Clear Acrylic
E-F-180182	.088"/.079"	Clear Acrylic
E-F-180183	.114"/.100"	Clear Acrylic
E-F-180017	.134"/.124"	Clear Acrylic
E-F-180018	.163"/.134"	Clear Acrylic
E-F-180019	.192"/.183"	Clear Acrylic

see website for dimensional drawings

E-F-210301 - ISO 80369-7 White Nylon Panel Mount Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube



Technical Data

Connection 1: Female Luer Lock

Connection 2: 1/8" (3.2mm) ID Tube

Mounting Style: Panel Mount

Wetted Materials: White Nylon

Non-wetted Materials: White Nylon

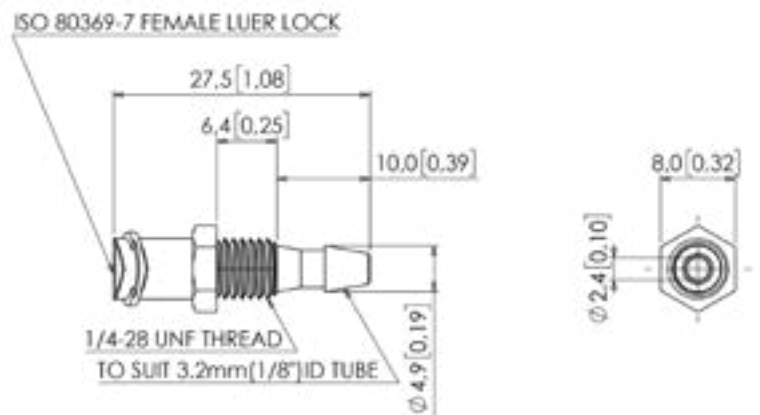
RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65

Other Technical Data: A White Nylon panel mount luer with ISO 80369-7 female luer lock to barb for 1/8" (3.2mm) ID tube with 1/4-28 UNF thread. Phthalate Free. Latex Free. DEHP Free.

Compatible with panel nut E-F-210437.



More from this range



1/16" Bulkhead,
White Nylon
[E-F-210299](#)



1/16" Animal Free
Polypropylene
[E-F-200053](#)



3/32" Bulkhead,
White Nylon
[E-F-210302](#)



3/32" Animal Free
Polypropylene
[E-F-200056](#)

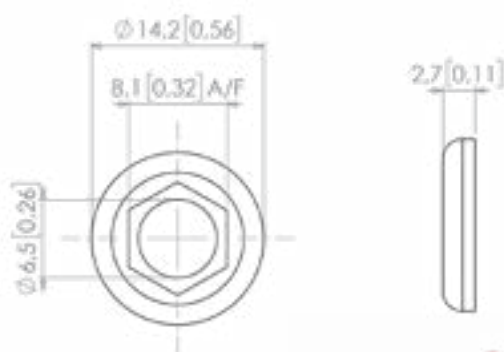


1/8" Animal Free
Polypropylene
[E-F-200059](#)

E-F-200116 - Black Nylon Panel Mount Colour Code Ring

Technical Data

Mounting Style: Panel Mount
Wetted Materials: Black Nylon
Non-wetted Materials: Black Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Black colour code ring use for 7/16" hex panel mount fitting.

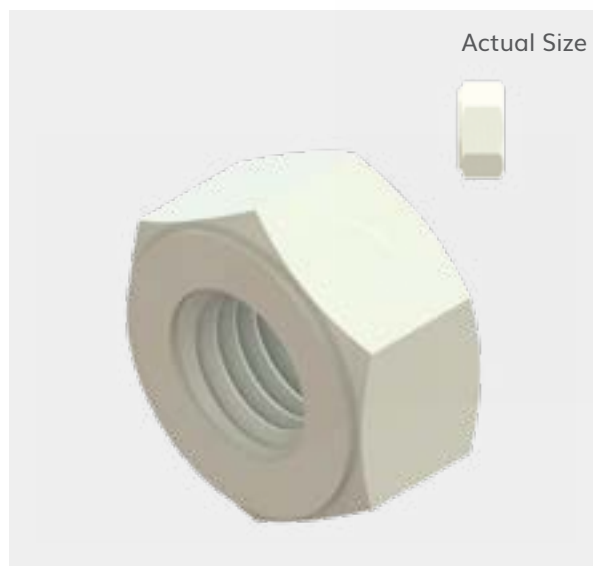
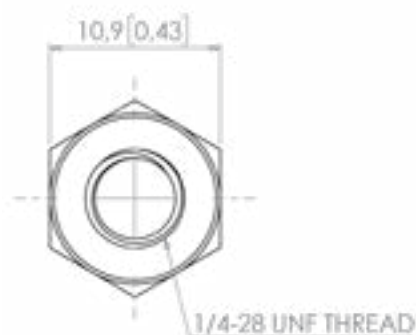


Available colours: Red E-F-200117 Blue E-F-200118 Green E-F-200119 Yellow E-F-200120

E-F-210437 - Natural Nylon 1/4-28 UNF Thread Panel Nut with .425" Hex / .235" Thickness

Technical Data

Connections: 1/4-28 UNF Thread
Mounting Style: Panel Mount
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
Media/Ambient Temperature: -45 to 135°C (-50°F to 275°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: Meets FDA requirements 21 CFR 178.3297, California Prop. 65
Other Technical Data: A Natural Nylon panel mount nut with 1/4-28 UNF thread.



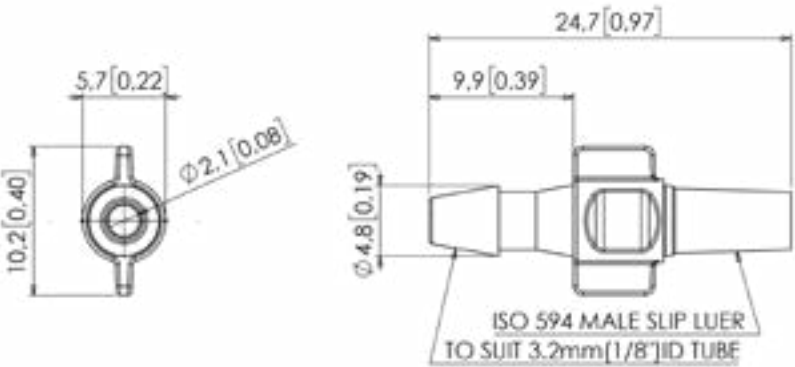
Also available - E-F-210382
10-32 UNF Thread

E-F-160163 - Lipid Resistant Rad Stable Polycarbonate Slip Luer to 1/8" (3.2mm) ID Tube



Technical Data

Connection 1: Male Slip Luer
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594
Other Technical Data: A Lipid Resistant Rad Stable Polycarbonate luer with barb for 1/8" (3.2mm) ID tube to male slip luer. Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free. Compatible with gamma and EtO (Ethylene Oxide) sterilisation and can withstand Radiation doses in the range of 100kGy.



More from this range



1/8" Clear ABS

Part Number	Size	Material
E-F-160164	1/8"	White ABS
E-F-160162	1/8"	Clear ABS
E-F-160159	1/16"	Rad Stable Polycarbonate
E-F-160158	1/16"	Clear ABS
E-F-160161	3/32"	Rad Stable Polycarbonate
E-F-160160	3/32"	Clear ABS

see website for dimensional drawings

Find the right tubing

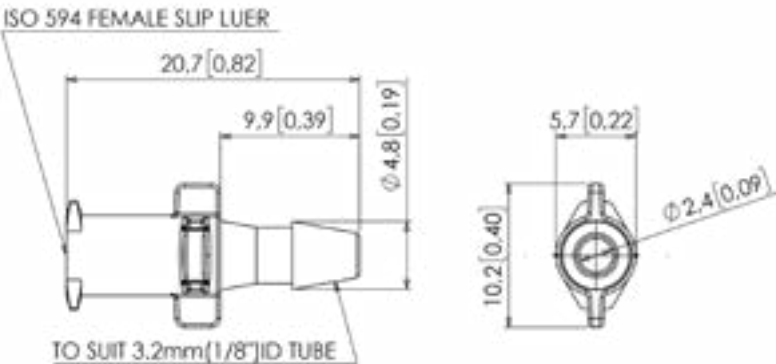


We have a fitting for every shore hardness!

E-F-160157 - Lipid Resistant Rad Stable Polycarbonate Female Slip Luer to 1/8" (3.2mm) ID Tube

Technical Data

Connection 1: Female Slip Luer
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594
Other Technical Data: A Lipid Resistant Rad Stable Polycarbonate luer with barb for 1/8" (3.2mm) ID tube to male slip luer. Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free.



More from this range

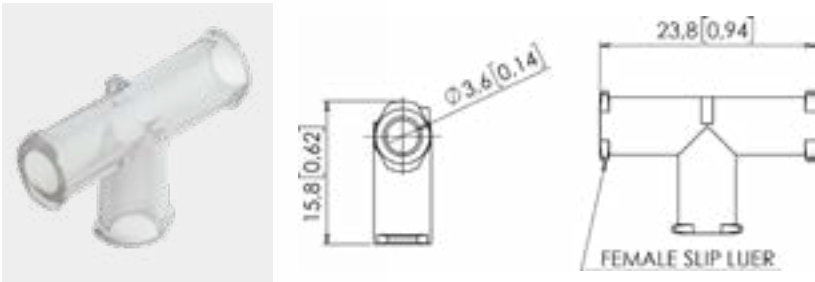


Part Number	Size	Material
E-F-160156	1/8"	Clear ABS
E-F-160153	1/16"	Rad Stable Polycarbonate
E-F-160152	1/16"	Clear ABS
E-F-171509	1/16"	Animal Free Polypropylene
E-F-160155	3/32"	Rad Stable Polycarbonate
E-F-160154	3/32"	Clear ABS
E-F-210120	3/32"	Animal Free Polypropylene

see website for dimensional drawings

Also available...

E-F-230061
Animal Free Polypropylene Equal Tee Luer Connector, Female Slip Luer



E-F-210240 - White Nylon Female Luer Lock Plug



Technical Data

Connection 1: Female Luer Lock

Connection 2: None - Closed End

Mounting Style: In-line

Wetted Materials: White Nylon

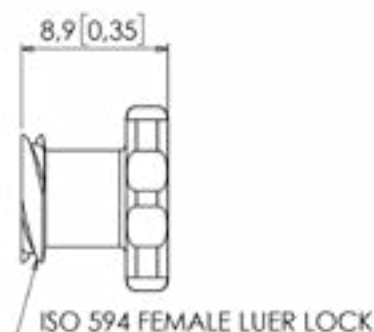
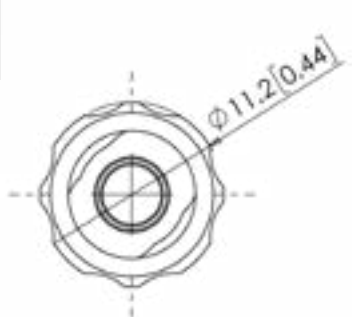
Non-wetted Materials: White Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594

Other Technical Data: A White Nylon luer plug with female luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Female Plug, Animal Free Polypropylene
E-F-2015-0108



Female Plug, Clear Polycarbonate
E-F-160167



Female Plug, Kynar
E-F-160169



Female Plug, Rad Stable Polycarbonate
E-F-160168

E-F-210265 - White Nylon Female Luer Lock Coupler

Technical Data

Connections: Female Luer Lock

Mounting Style: In-line

Wetted Materials: White Nylon

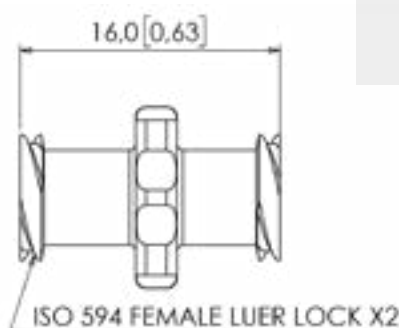
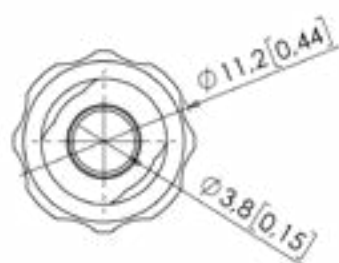
Non-wetted Materials: White Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594

Other Technical Data: A White Nylon luer plug with female luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Female Coupler
Animal Free Poly.
[E-F-160171](#)



Female Coupler,
Clear Polycarbonate
[E-F-160172](#)

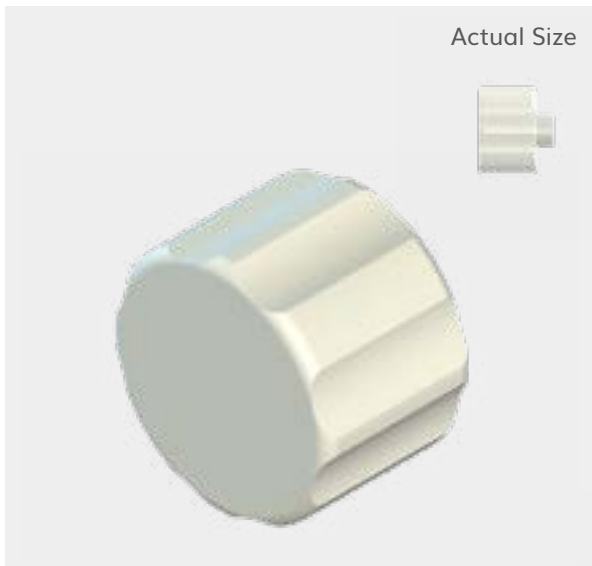


Female Coupler, Rad
Stable Polycarbonate
[E-F-160173](#)



Female Coupler,
Kynar
[E-F-160174](#)

E-F-210259 - White Nylon Male Luer Lock Plug



Technical Data

Connection 1: Male Luer Lock

Connection 2: None - Closed End

Mounting Style: In-line

Wetted Materials: White Nylon

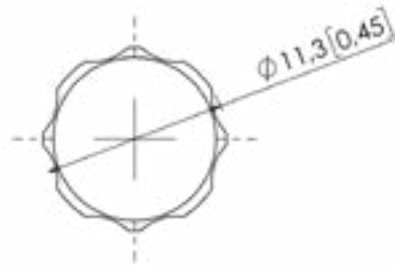
Non-wetted Materials: White Nylon

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594

Other Technical Data: A White Nylon luer plug with male luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range



Male Plug, Animal Free Polypropylene
[E-F-2015-0109](#)



Male Plug, Clear Polycarbonate
[E-F-160176](#)



Male Plug, Rad Stable Polycarbonate
[E-F-160177](#)



Male Plug, Kynar
[E-F-160178](#)

This plug has an open luer which means if you have an expansive media the hole will capture a tiny amount of fluid.

E-F-210258 - White Nylon Closed Male Luer Lock Plug

Technical Data

Connection 1: Male Luer Lock

Connection 2: None - Closed End

Mounting Style: In-line

Wetted Materials: White Nylon

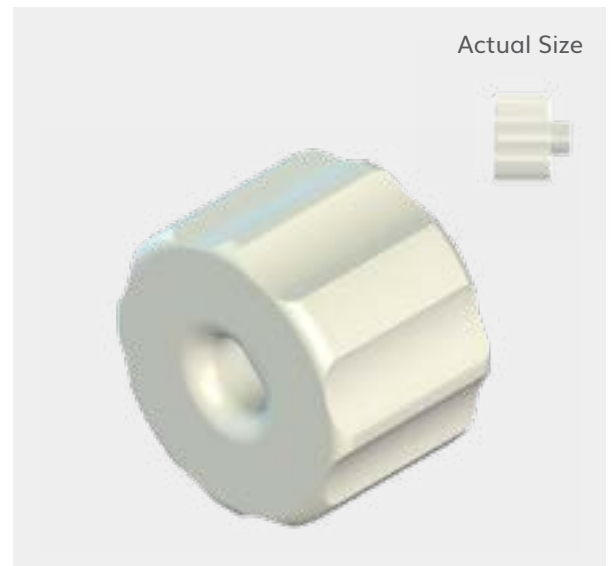
Non-wetted Materials: White Nylon

RoHS/REACH Compliant: Yes

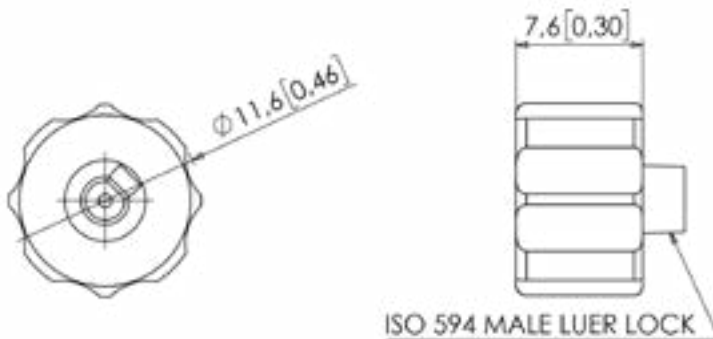
Cleanroom Manufactured: Class 8 cleanroom

Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594

Other Technical Data: A White Nylon closed luer plug with male luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



Actual Size



More from this range



Male Plug, Animal
Free Polypropylene
[E-F-160180](#)



Male Plug, Clear
Polycarbonate
[E-F-160181](#)

This plug is closed meaning no media will enter the plug

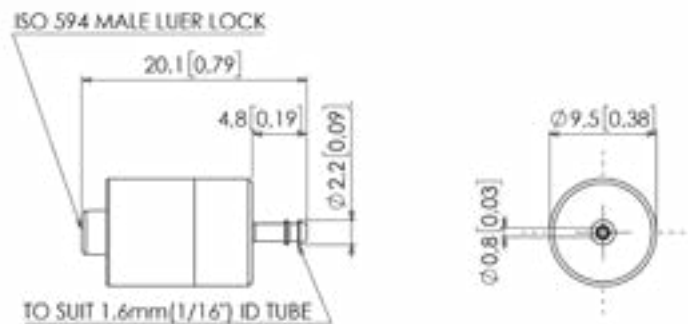
Metal Luers

E-F-171438 - 316 Stainless Steel Luer, Male Luer Lock to 1/16" (1.6mm) ID Tube



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: A 316 Stainless Steel luer with male luer lock to barb for 1/16" (1.6mm) ID stiff tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range



Male Luer to 5/32"
Stainless Steel
E-F-171439



Male Luer to 5/16"
Stainless Steel
E-F-171440



Male Luer to 1/16"
Nickel Plated Brass
E-F-171322



Male Luer to 3/32"
Nickel Plated Brass
E-F-171323



Male Luer to 5/32"
Nickel Plated Brass
E-F-171325



Male Luer to 5/16"
Nickel Plated Brass
E-F-171326

see website for dimensional drawings

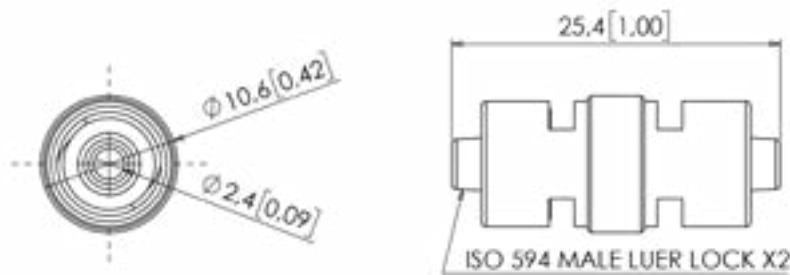
E-F-171376 - Nickel Plated Brass Luer Coupler, Male Luer Lock

Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connections: Male Luer Lock
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: A Nickel Plated Brass luer coupler with male luer lock (x2). Suitable for compressed air and vacuum.



Actual Size



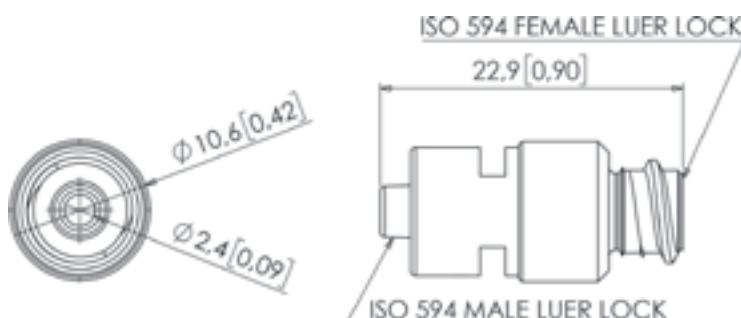
E-F-171375 - Nickel Plated Brass Luer Coupler, Male Luer Lock to Female Luer Lock

Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: Female Luer Lock
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: Suitable for compressed air and vacuum.



Actual Size

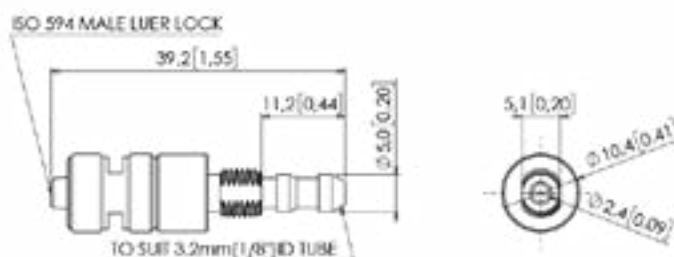


E-F-171390 - Nickel Plated Brass Rotating Luer, Male Luer Lock to 1/8" (3.2mm) ID Tube



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: A Nickel Plated Brass rotating luer with male luer lock to barb for 1/8" (3.2mm) ID softer durometer tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range



Male Luer Lock to
 1/16" ID Tube
[E-F-171391](#)



Male Luer Lock to
 5/32" ID Tube
[E-F-171385](#)



Male Luer to 10-32
 UNF Female Thread
[E-F-171388](#)



Male Luer to 1/4-28
 UNF Male Thread
[E-F-171389](#)



Male Luer to 1/8"
 NPT Male Thread
[E-F-171386](#)



Male Luer to 10-32
 UNF Male Thread
[E-F-171387](#)

E-F-171358 - Nickel Plated Brass Luer, Male Luer Lock to 1/4-28 UNF Male Thread

Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)

Connection 1: Male Luer Lock

Connection 2: 1/4-28 UNF Male Thread

Mounting Style: Threaded

Wetted Materials: Nickel Plated Brass

Non-wetted Materials: Nickel Plated Brass

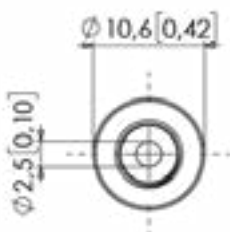
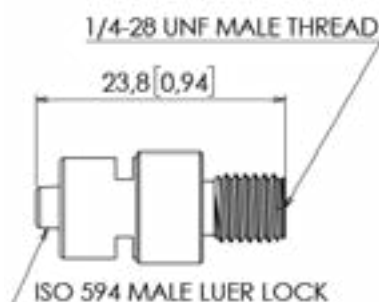
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Regulatory Information: ISO 594

Other Technical Data: A Nickel Plated Brass luer with male luer lock to 1/4-28 UNF male thread. Suitable for compressed air and vacuum.



More from this range



Male Luer to 1/4-28
UNF Female Thread
[E-F-171360](#)



Male Luer to 10-32
UNF Male Thread
[E-F-171349](#)



Male Luer to 10-32
UNF Female Thread
[E-F-171350](#)



Male Luer to 1/4"
NPT Male Thread
[E-F-171444](#)



Male Luer to 10-32
UNF Male Thread
[E-F-171446](#)



Male Luer to 1/4-28
UNF Male Thread
[E-F-171448](#)

E-F-171328 - Nickel Plated Brass Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)

Connection 1: Female Luer Lock

Connection 2: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: Nickel Plated Brass

Non-wetted Materials: Nickel Plated Brass

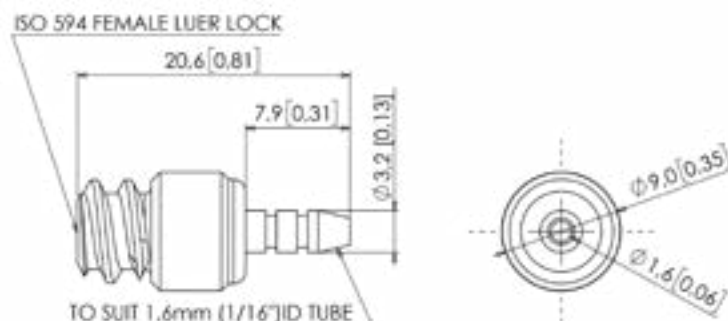
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Regulatory Information: ISO 594

Other Technical Data: A Nickel Plated Brass female luer lock to barb for 1/16" (1.6mm) ID softer durometer tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range



1/16" Female Luer
Nickel Plated Brass
E-F-171332



3/32" Female Luer
Nickel Plated Brass
E-F-171330



Female Luer to 10-32
UNF Male Thread
E-F-171355



Female Luer to 1/4-28
UNF Male Thread
E-F-171357



Female Luer to 10-32
UNF Female Thread
E-F-171353

E-F-171397 - 316 Stainless Steel Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube

Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)

Connection 1: Female Luer Lock

Connection 2: 1/16" (1.6mm) ID Tube

Mounting Style: In-line

Wetted Materials: 316 Stainless Steel

Non-wetted Materials: 316 Stainless Steel

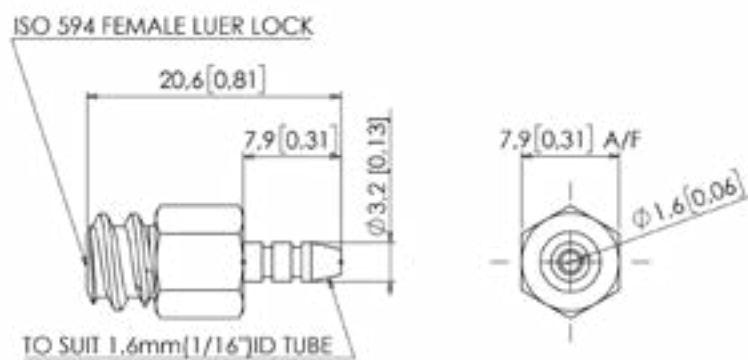
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)

RoHS/REACH Compliant: Yes

Cleanroom Manufactured: No

Regulatory Information: ISO 594

Other Technical Data: A 316 Stainless Steel female luer lock to barb for 1/16" (1.6mm) ID softer durometer tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range



Female Luer to
1/16" ID Tube
[E-F-171398](#)



Female Luer to
5/32" ID Tube
[E-F-171401](#)



Female Luer to 10-32
UNF Female Thread
[E-F-171420](#)



Female Luer to 10-32
UNF Male Thread
[E-F-171422](#)



Female luer to 1/4-28
UNF Male Thread
[E-F-171424](#)

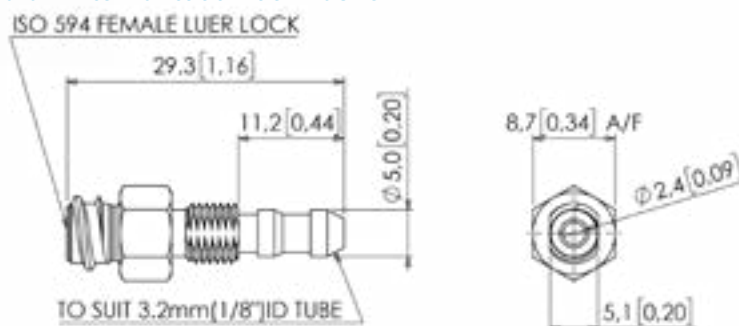
Panel Mount Luers

E-F-171407 - 316 Stainless Steel Panel Mount Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: Nickel Plated Brass, 316 Stainless Steel, 410 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: A 316 Stainless Steel panel mount luer with female luer lock to barb for 1/8" (3.2mm) ID tube with 1/4"-32 thread. Suitable for compressed air and vacuum. **Includes panel nut and an internal tooth lockwasher**



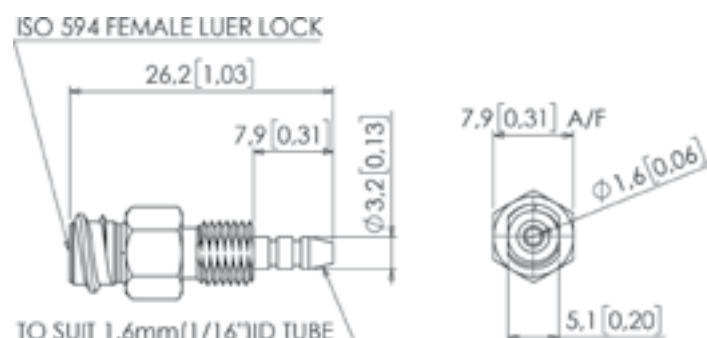
Also available - E-F-171369
 Nickel Plated Brass

E-F-171410 - 316 Stainless Steel Panel Mount Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: Nickel Plated Brass, 316 Stainless Steel, 410 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: Supplied with 410 Stainless Steel 1-1/4" shakeproof internal lock washer and Nickel Plated Brass nut. Suitable for compressed air and vacuum. The tube inside diameter range represents a push-on assembly. Using tube expanding equipment or an external mechanical grip the range may expanded. **Includes panel nut and an internal tooth lockwasher**

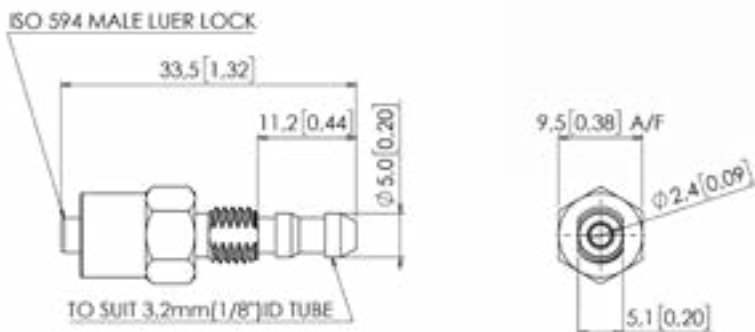


Also available - E-F-171373
 Nickel Plated Brass

E-F-171441 - 316 Stainless Steel Panel Mount Luer, Male Luer Lock to 1/8" (3.2mm) ID Tube

Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: Nickel Plated Brass, 316 Stainless Steel, 410 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: A 316 Stainless Steel panel mount luer with male luer lock to barb for 1/8" (3.2mm) ID tube with 1/4"-32 thread.
Includes panel nut and an internal tooth lockwasher

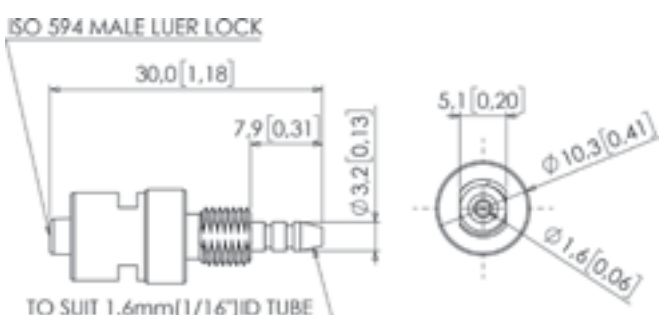


Also available - E-F-171363
Nickel Plated Brass

E-F-171366 - Nickel Plated Brass Panel Mount Luer, Male Luer Lock to 1/16" (1.6mm) ID Tube

Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass, 410 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594
Other Technical Data: Supplied with 410 Stainless Steel 1-1/4" shakeproof internal lock washer and Nickel Plated Brass nut. Suitable for compressed air and vacuum. The tube inside diameter range represents a push-on assembly. Using tube expanding equipment or an external mechanical grip the range may be expanded. **Includes panel nut and an internal tooth lockwasher**



Other sizes and materials
available online

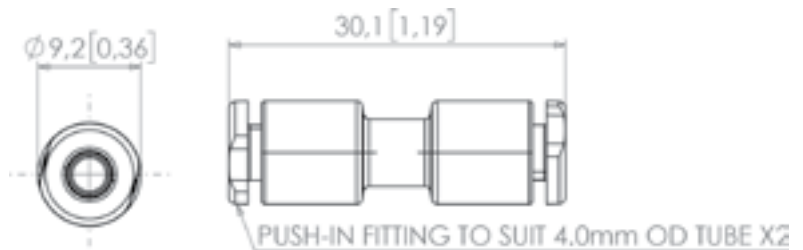
Plastic Push-In

E-F-220044 - Oxygen Compatible Nylon Equal Straight Connector, EPDM Seal, 4.0mm OD Push-In Fitting



Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connections: 4.0mm (5/32") OD Tube
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: This product is designed for life science markets, particularly for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with fluids, gases and clean air. BAM certified grease. This product meets with respiratory regulations, non-volatile residue equal to or less than 550 mg/m² cleanliness.



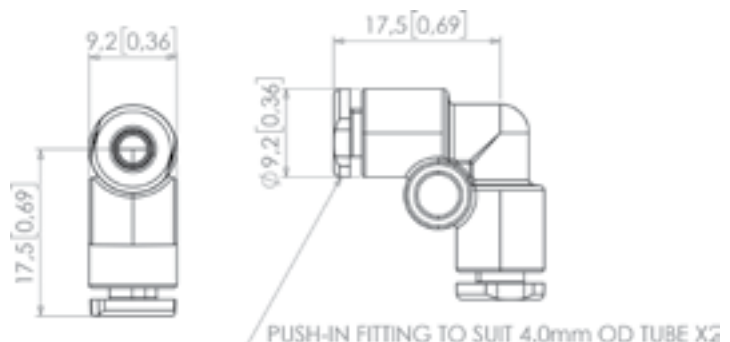
Also available - E-F-220045
6.0mm OD

E-F-220046 - Oxygen Compatible Nylon Equal Elbow Connector, EPDM Seal, 4.0mm OD Push-In Fitting



Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connections: 4.0mm (5/32") OD Tube
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: This product is designed for life science markets, particularly for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with fluids, gases and clean air. BAM certified grease. This product meets with respiratory regulations, non-volatile residue equal to or less than 550 mg/m² cleanliness.

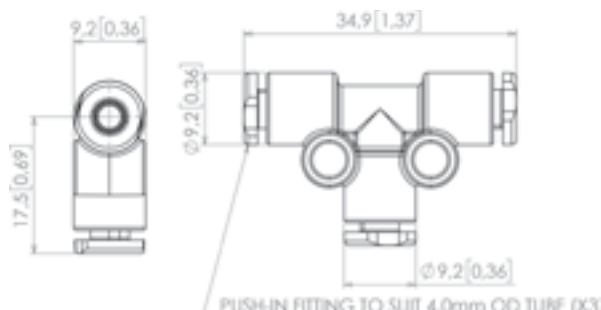


Also available - E-F-220047
6.0mm OD

E-F-220048 - Oxygen Compatible Nylon Equal Tee Connector, EPDM Seal, 4.0mm OD Push-In Fitting

Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connections: 4.0mm (5/32") OD Tube
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: This product is designed for life science markets, particularly for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with fluids, gases and clean air. BAM certified grease. This product meets with respiratory regulations, non-volatile residue equal to or less than 550 mg/m² cleanliness.

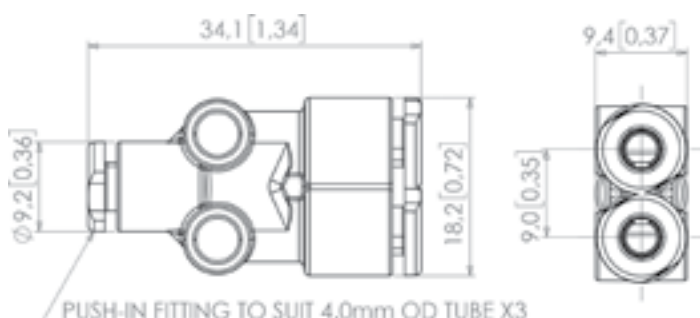


Also available - E-F-220049
6.0mm OD

E-F-220050 - Oxygen Compatible Nylon Equal Y Connector, EPDM Seal, 4.0mm OD Push-In Fitting

Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connections: 4.0mm (5/32") OD Tube (x3)
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: This product is designed for life science markets, particularly for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with fluids, gases and clean air. BAM certified grease. This product meets with respiratory regulations, non-volatile residue equal to or less than 550 mg/m² cleanliness.



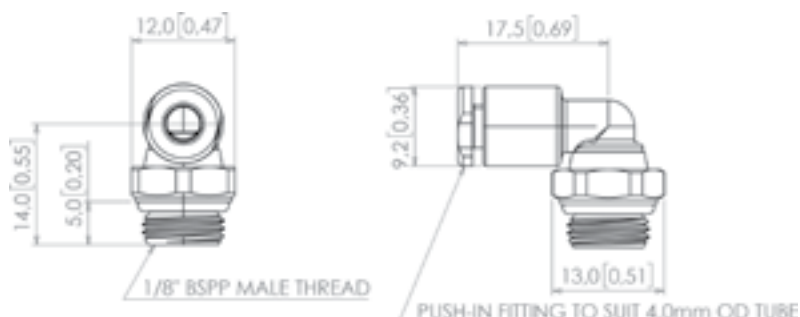
Also available - E-F-220051
6.0mm OD

E-F-220041 - Oxygen Compatible Nylon Threaded Elbow Adaptor, EPDM Seal, 4.0mm OD Push-In Fitting to 1/8" BSPP Male Thread



Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connection 1: 4.0mm (5/32") OD Tube
Connection 2: 1/8" BSPP Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: A Nylon body and Nickel Plated Brass swivel nut elbow push-in adaptor with EPDM seals, 4.0mm OD push-in fitting and 1/8" BSPP male thread. This product is designed for life science markets, particularly for medical and analytical applications.



More from this range



4.0mm OD to M5x0.8
Male Thread
[E-F-220040](#)



6.0mm OD to M5x0.8
Male Thread
[E-F-220042](#)

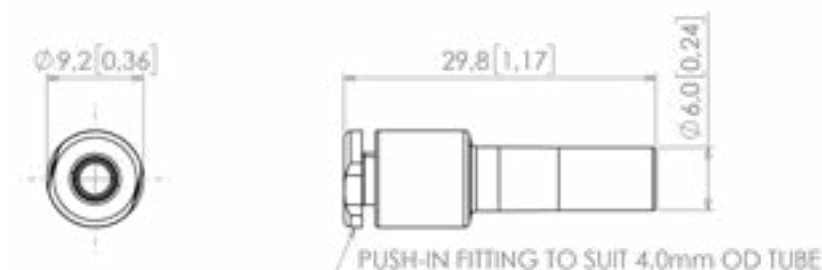


6.0mm OD to 1/8"
BSPP Male Thread
[E-F-220043](#)

E-F-220052 - Oxygen Compatible Nylon Straight Adaptor, EPDM Seal, 4.0mm OD Push-In Fitting to 6.0mm OD Stem

Technical Data

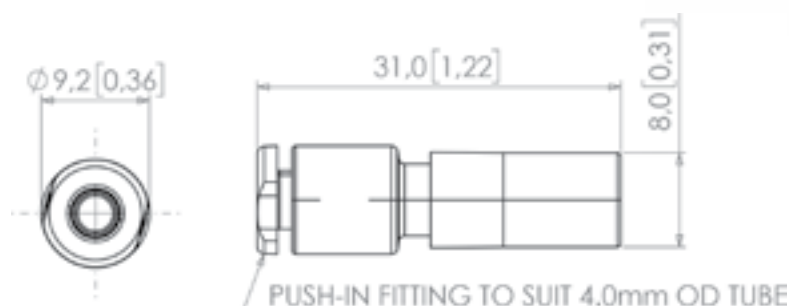
Max. Inlet Pressure: 16 bar (232 psi)
Connection 1: 4.0mm (5/32") OD Tube
Connection 2: 6.0mm OD Stem
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: This product is designed for life science markets, particularly for medical and analytical applications.



E-F-220053 - Oxygen Compatible Nylon Straight Adapter, EPDM Seal, 4.0mm OD Push-In Fitting to 8.0mm OD Stem

Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connection 1: 4.0mm (5/32") OD Tube
Connection 2: 8.0mm OD Stem
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: This product is designed for life science markets, particularly for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with fluids, gases and clean air. BAM certified grease. This product meets with respiratory regulations, non-volatile residue equal to or less than 550 mg/m² cleanliness.



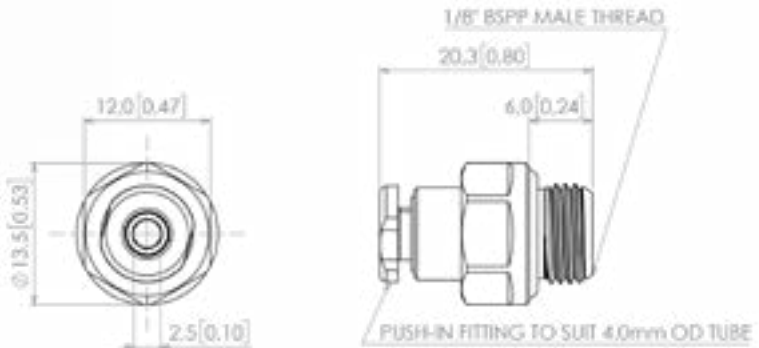
Metal Push-In

E-F-220037 - Oxygen Compatible Nickel Plated Brass Straight Adaptor, EPDM Seal, 4.0mm OD Push-In Fitting to 1/8" BSPP Male Thread



Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connection 1: Push-In Fitting to suit 4.0mm OD Tube
Connection 2: 1/8" BSPP Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 15001, CGA G4.1, ASTM G93-03 B
Other Technical Data: A Nickel Plated Brass straight push-in adaptor with EPDM seals, 4.0mm OD push-in fitting and 1/8" BSPP male thread. The product is designed for use with stiff tube which made with Nylon, Polyurethane, Polyethylene and Polypropylene.



More from this range



6.0mm OD to 1/8"
BSPP Male Thread
E-F-220039



4.0mm OD to M5x0.8
Male Thread
E-F-220036



6.0mm OD to M5x0.8
Male Thread
E-F-220038

E-F-210422 - 316 Stainless Steel Elbow Adaptor, Viton Seal, 1/4" (6.4mm) OD Push-In Fitting to 10-32 UNF Male Thread

Technical Data

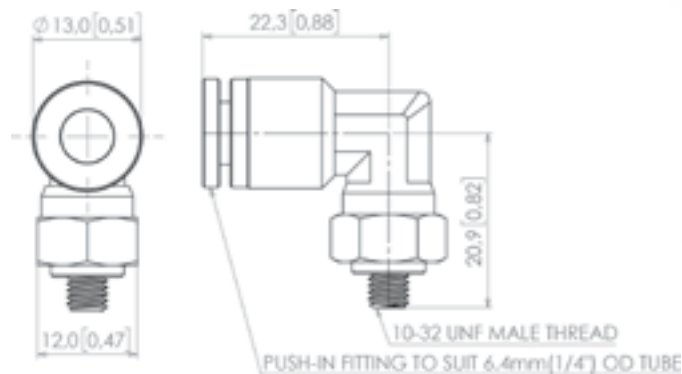
Max. Inlet Pressure: 17.24 bar (250 psi) - at 23°C (75°F)
Connection 1: Push-In Fitting to suit 1/4" (6.4mm) OD Tube
Connection 2: 10-32 UNF Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 110°C (5°F to 230°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with air, inert gas, water, liquid and oil. The product is designed for use with stiff tube which made with Nylon, Polyurethane, Polyethylene and Polypropylene.



Actual Size



Also available - E-F-210423
5/32" Elbow



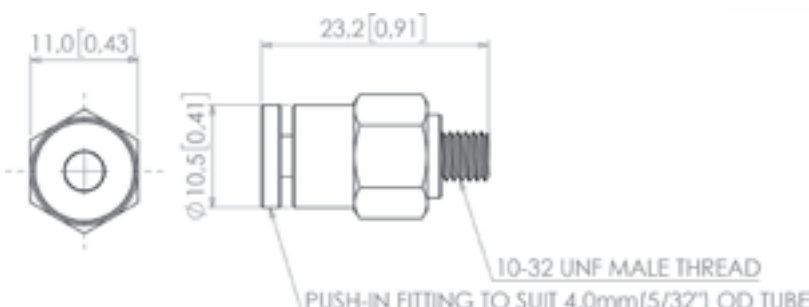
E-F-210421 - 316 Stainless Steel Straight Adaptor, Viton Seal, 5/32" (4.0mm) OD Push-In Fitting to 10-32 UNF Male Thread

Technical Data

Max. Inlet Pressure: 17.24 bar (250 psi)
Connection 1: Push-In Fitting to suit 5/32" (4.0mm) OD Tube
Connection 2: 10-32 UNF Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 110°C (-5°F to 230°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with air, inert gas, water, liquid and oil. The product is designed for use with stiff tube which made with Nylon, Polyurethane, Polyethylene and Polypropylene.



Actual Size



Accessories

Slip Luers

We offer a range of slip luers, including male, female and panel mounts in nickel plated brass and stainless steel materials.



Stainless Steel
Slip Luers
E-F-171433 (shown)



Nickel Plated Brass
Slip Luers
E-F-171336 (shown)



Nickel Plated Brass
Panel Mount Slip Luers
E-F-171364 (shown)



Couplers and Plugs

We offer a range of couplers and plugs to compliment our metal luers, these are available in nickel plated brass and stainless steel materials.



Stainless Steel
Coupler
E-F-171432 (shown)



Nickel Plated Brass-
Coupler
E-F-171380 (shown)



Stainless Steel
Plug
E-F-171449 (shown)



Nickel Plated Brass
Plug
E-F-171384 (shown)



Visit our website for the full product range
eoxshop.com or email us sales@eoxshop.com

See Our Full Range of Fittings

Plastic Fittings - Available in various styles, materials and sizes



Metal Fittings - Available in various styles, materials and sizes



Push-In Fittings - Available in various styles, materials and sizes



Luers - Available in various styles, materials and sizes

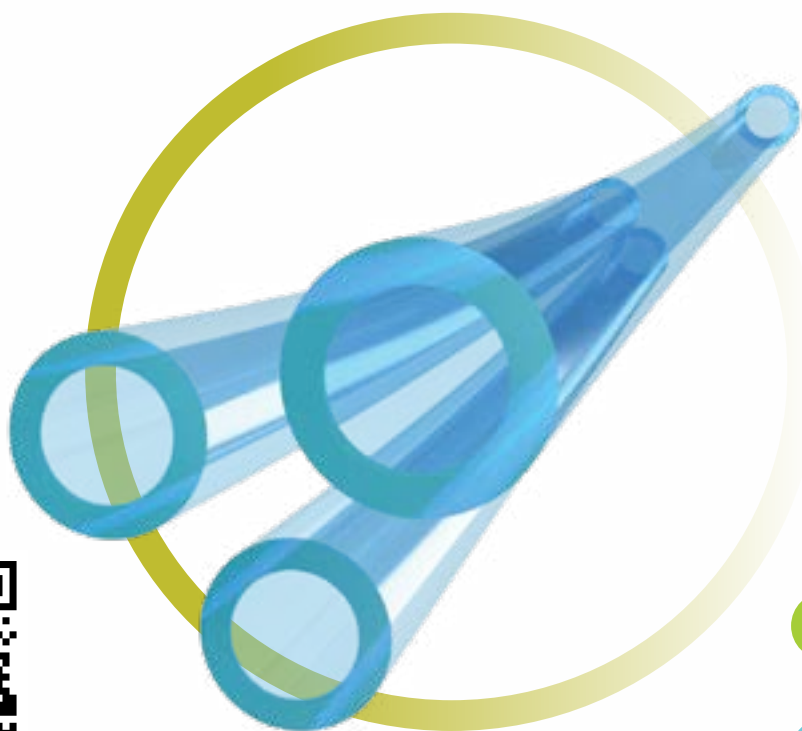


Visit our full range of fittings

Tubing

Our range of tubing includes Eox Bio Tubing (EBT), Polyurethane, Polyethylene, Nylon, Silicone and PVC, suitable for many markets including medicine, analytics and bioprocessing.

Technical details are available for each range including diameter tolerance, durometer and temperature range. Need a compatible fitting? Use our guide below to help with your selection.



Key:

Below indicates which type of tubing is compatible with our fittings range



Hard Tubing

(Compatible with green dot fittings)



Soft Tubing

(Compatible with blue dot fittings)

Key Features Include:

- Different shore hardness ratings
- RoHS and REACH compliant
- Cost-effective options
- Specialised tubing for various applications

Typical Applications:

- Bioprocessing
- Biomedicine
- Pharmaceutical
- Pneumatics



EBT Bio

EBT is a new range of flexible, resistant tubing available in various specifications and materials. This tubing offers durability, low gas and oxygen.

Page 76-84



Polyethylene

Polyethylene tubing is flexible and lightweight. FDA approved, this tubing is suitable for a wide range applications.

Page 85-87



Polyurethane

Available in a variety of sizes this tubing type is durable and offers excellent flexibility. We can offer this tubing in multiple colour options.

Page 88-90



Nylon

Nylon tubing offers temperature and pressure resistance. This tubing is suitable for use with push-in and compression style fittings.

Page 91



PVC

PVC's rubber-like flexibility and strength delivers even in demanding environments where temperature would be an issue for other tubing types.

Page 92



Silicone

This tubing is tough yet flexible, and is vital in a broad range of industries, particularly suited to the healthcare and pharmaceutical industries.

Page 93-94



Ribbon Tubing

Page 95-96



Accessories

Page 97-98

Material Options:

- Polyurethane
- Polyethylene
- Nylon
- Silicone
- PVC



Tubing Selection Comparison Table

This guide is for our EBT (Eox Bio Tubing) tubing range. Our EBT range uses hybrid materials. To select the tubing that best fits your application, use the comparison table below.

Tubing Name	Material	Shore A	Reel Sizes	Temp. Range	Cleanroom Production	Gamma Rating*
EBT 86	POE	86	100FT / 30M	-40°C – 76°C (-40°F – 170°F)	N	10
EBT 66	TPE	66	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	5.5
EBT 75	TPE	75	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	5.5
EBT 84	TPE	84	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	5.5
EBT 95	TPE	95	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	5
EBT 121	TPE	54	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	9
EBT 135	TPE	68	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9
EBT Braided 135	TPE	68	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9
EBT Kynar	TPU/TPE	85	50FT / 15M	-50°C – 80°C (-58°F – 176°F)	Y	
EBT P70	TPV Alloy	70	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9
EBT P80	TPV Alloy	80	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9

* Based on a sliding scale of 1 to 10 with 10 being the best ** autoclave to 121°C

Tubing Name	EtO	Autoclave	Welding	Heat Sealing	USP Class VI	ISO 10993-4 ISO 10993-5	Barrier Properties	Flexibility*	Pump Durable	Chemical Resistance	Blue Fitting	Green Fitting
EBT 86	Y		Y	Y	Y	Y	10	7		8		
EBT 66	Y		Y	Y	Y	Y	9	8	Y	6		
EBT 75	Y		Y	Y	Y	Y	9	7	Y	7		
EBT 84	Y		Y	Y	Y	Y	9	7	Y	7		
EBT 95	Y	Y	Y	Y	Y	Y	9	5		7		
EBT 121	Y	Y**	Y	Y	Y	Y	8	9	Y	5		
EBT 135	Y	Y	Y	Y	Y	Y	8	8	Y	6		
EBT Braided 135	Y	Y	Y	Y	Y	Y	8	8	Y	6		
EBT Kynar	Y				Y	Y	10	8		9		
EBT P70	Y	Y	Y	Y	Y	Y	8	8	Y	6		
EBT P80	Y	Y	Y	Y	Y	Y	8	8	Y	6		

Key below indicates which type of tubing is compatible with our fittings range, scan the **QR code** to view eox fittings:



Soft Tubing

(Compatible with blue dot fittings)



Hard Tubing

(Compatible with green dot fittings)



Tubing Selection Guide

All tubing is 100% PVC Free and contains no DEHP or other phthalates, and no plasticisers.

Medical • Biotech • Life Sciences

Range	Industries	Key Features
EBT 135 EBT Braided 135	Biomedical Pharmaceutical Bioprocess Tubing	<ul style="list-style-type: none"> Autoclavable Peristaltic pump tubing Silicone alternative Ultra-low extractables/leachables ISO 10993-5, ISO 10993-4, USP 661 Low gas and oxygen permeability
EBT 121	Biomedical Pharmaceutical Bioprocess Tubing	<ul style="list-style-type: none"> Autoclavable Peristaltic pump tubing Ultra-low extractables/leachables ISO 10993-5, ISO 10993-4, USP 661, USP Class VI Low gas and oxygen permeability
EBT P70 & P80	Biomedical Pharmaceutical Bioprocess Tubing	<ul style="list-style-type: none"> Autoclavable Peristaltic pump tubing Ultra-low extractables/leachables ISO 10993-5, ISO 10993-4, USP Class VI Low gas and oxygen permeability Excellent chemical resistance
EBT 66, EBT 75, EBT 84, EBT 95	Biomedical Bioprocess Tubing	<ul style="list-style-type: none"> Ultra-low extractables/leachables ISO 10993-5, ISO 10993-4, USP Class VI Low protein binding Shore A 66 - 95 hardness
EBT Kynar	Biomedical Pharmaceutical Bioprocess Tubing	<ul style="list-style-type: none"> Ultra-low extractables/leachables ISO 10993-5, ISO 10993-4, USP Class VI More flexible than tubing extruded from 100% Kynar Excellent chemical resistance

General Purpose • Pneumatics • Robotics Fluid Handling

Range	Industries	Key Features
EBT 82	General Purpose Tubing	<ul style="list-style-type: none"> Ultra-low extractables/leachables ISO 10993-5, ISO 10993-4, USP 661, USP Class VI Low gas and oxygen permeability Suitable for deionised water

Key below indicates which type of tubing is compatible with our fittings range, scan the **QR code** to view eox fittings:



Soft Tubing

(Compatible with blue dot fittings)



Hard Tubing

(Compatible with green dot fittings)



E-T-160018 - Kynar Line Polyurethane Tubing, 85 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

Technical Data

Temperature Range (°C [°F]): -50°C to 80°C (-58°F to 176°F)

Diameter Tolerance: $\pm 0.005"$ ($\pm 0.127\text{mm}$) ID/OD

Wetted Materials: Kynar

Non-wetted Materials: Polyurethane

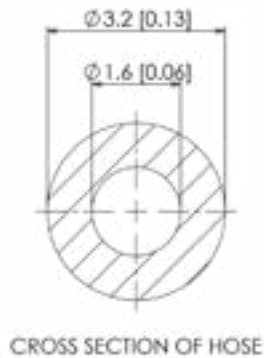
Durometer: 85 Shore A, compatible with blue dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI, USP 661, BPOG Tested, FDA 21 CFRE 177.1520 and 177.2600, NSF 51 and 61, California Prop.65 compliant, ISO 10993-5, ISO 10993-4

Cleanroom Manufactured: Class 7 cleanroom

Other Technical Data: 15 Metre coil (50 Feet) of Kynar flexible tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



More from this range



3/32" x 5/32"
E-T-160019



1/8" x 1/4"
E-T-160020



3/16" x 5/16"
E-T-160021



1/4" x 3/8"
E-T-160022

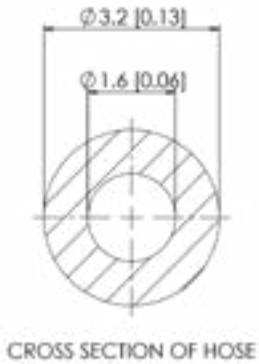
EBT 135 - TPE

E-T-160121 - Clear TPE Tubing, 68 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: Vacuum to 2.25 bar (33 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -80°C to 135°C (-112°F to 275°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 0.06" (1.5mm)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 68 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5 ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



More from this range



3/32" x 5/32"
E-T-160122



1/8" x 1/4"
E-T-160123



3/16" x 5/16"
E-T-160124



1/4" x 3/8"
E-T-160125

EBT 135 Braided - TPE

E-T-220001 - Clear Braided TPE Tubing, 68 Shore A, 1/8" (3.2mm) ID x 3/8" (9.5mm) OD - 15M

Technical Data

Working Pressure: 4:1 Safety Factor

Operating Range: 11.16 bar (162 psi) at 20°C (68°F)

Temperature Range (°C [°F]): -80°C to 135°C (-112°F to 275°F)

Diameter Tolerance: $\pm 0.005"$ ($\pm 0.125\text{mm}$) ID/OD

Bend Radius: 0.25" (6.4mm)

Wetted Materials: TPE

Non-wetted Materials: TPE

Durometer: 68 Shore A, compatible with blue dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI, USP 661, BPOG Tested, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4

Cleanroom Manufactured: Class 7 cleanroom

Other Technical Data: 15 Metre coil (50 Feet) of clear braided TPE tubing with an internal diameter of 1/8" (3.2mm), an outside diameter of 3/8" (9.5mm) and a wall thickness of 1/8" (3.2mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE



More from this range



1/4" x 1/2"
E-T-210008



3/8" x 5/8"
E-T-220020



1/2" x 3/4"
E-T-220002

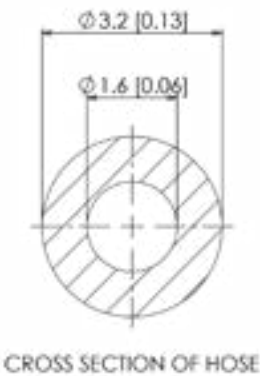
EBT 66 - TPE

E-T-160023 - Clear TPE Tubing, 66 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M



Technical Data

Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 66 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA 21 CFR 177.2600
California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



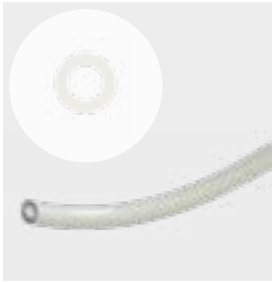
More from this range



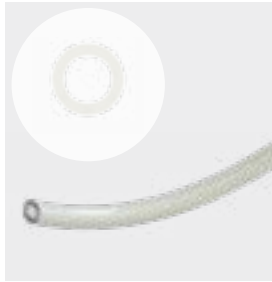
3/32" x 5/32"
E-T-160024



1/8" x 1/4"
E-T-160025



3/16" x 5/16"
E-T-160026



1/4" x 3/8"
E-T-160027

E-T-160013 - Clear TPE Tubing, 95 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

Technical Data

Temperature Range (°C [°F]): -50°C to 135°C (-58°F to 275°F)

Diameter Tolerance: ±0.005" (±0.127mm) ID/OD

Wetted Materials: TPE

Non-wetted Materials: TPE

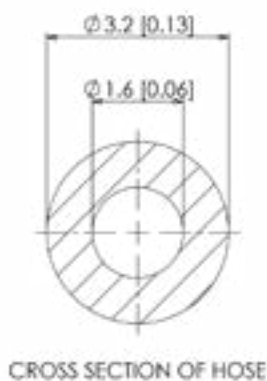
Durometer: 95 Shore A, compatible with green and blue dot fittings

RoHS/REACH Compliant: Yes

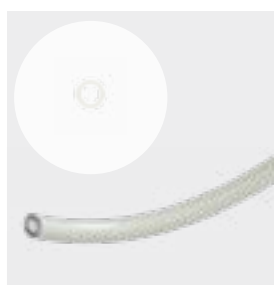
Regulatory Information: USP Class VI, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4

Cleanroom Manufactured: Class 7 cleanroom

Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



More from this range



3/32" x 5/32"
E-T-160014



1/8" x 1/4"
E-T-160015



3/16" x 5/16"
E-T-160016



1/4" x 3/8"
E-T-160017

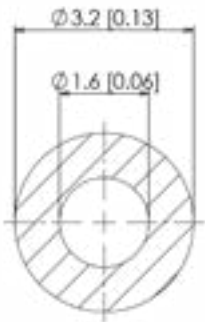
EBT 84 - TPE

E-T-160008 - Clear TPE Tubing, 84 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M



Technical Data

Temperature Range (°C [°F]): -50°C to 135°C (-58°F to 275°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 84 Shore A, compatible with green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range



3/32" x 5/32"
E-T-160009



1/8" x 1/4"
E-T-160010



3/16" x 5/16"
E-T-160011



1/4" x 3/8"
E-T-160012

E-T-160004 - Clear TPE Tubing, 75 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

Technical Data

Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)

Diameter Tolerance: $\pm 0.005"$ ($\pm 0.127\text{mm}$) ID/OD

Wetted Materials: TPE

Non-wetted Materials: TPE

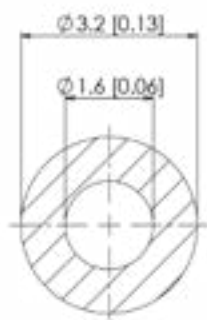
Durometer: 75 Shore A, compatible with blue dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4

Cleanroom Manufactured: Class 7 cleanroom

Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE



More from this range



3/32" x 5/32"
E-T-160005



1/8" x 1/4"
E-T-160003



3/16" x 5/16"
E-T-160006



1/4" x 3/8"
E-T-160007

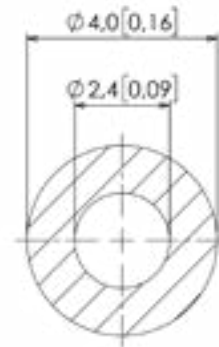
EBT 121 - TPE

E-T-210002 - Clear TPE Bio Tubing, 55 Shore A, 3/32" (2.4mm) ID x 5/32" (4.0mm) OD - 15M



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 1.03 bar (15 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)
Diameter Tolerance: $\pm 0.005"$ ($\pm 0.125\text{mm}$) ID/OD
Bend Radius: 0.19" (4.8mm)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 55 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an inside diameter 3/32" (2.4mm), an outside diameter 5/32" (4.0mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE



More from this range



1/8" x 1/4"
E-T-200016

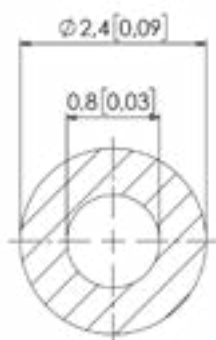


1/4" x 3/8"
E-T-210009

E-T-220022 - Natural TPV Alloy Tubing, 70 Shore A, 1/32" (0.8mm) ID x 3/32" (2.4mm) OD - 15M

Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 3.52 bar (51 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -50°C to 135°C (-58°F to 275°F)
Diameter Tolerance: ±0.005" (±0.125mm) ID/OD
Bend Radius: 0.13" (3.3mm)
Wetted Materials: TPV Alloy
Non-wetted Materials: TPV Alloy
Durometer: 70 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of natural TPV Alloy tubing with an inside diameter 1/32" (0.8mm), an outside diameter 3/32" (2.4mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE



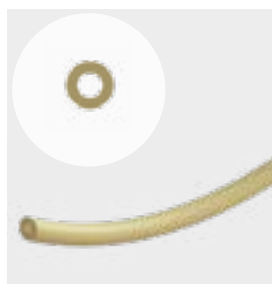
More from this range



1/16" x 1/8"
E-T-220023



3/32" x 5/32"
E-T-220024



1/8" x 1/4"
E-T-210005



3/16" x 5/16"
E-T-220025



1/4" x 3/8"
E-T-220026



5/16" x 7/16"
E-T-220027



3/8" x 1/2"
E-T-220028

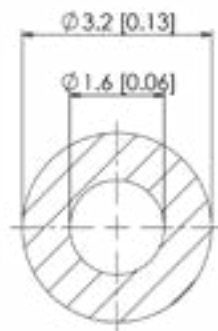
EBT 86 - Polyethylene

E-T-160136 - Clear Polyethylene (POE) Tubing, 86 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 30M



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: Vacuum to 8.96 bar (130 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -40°C to 80°C (-40°F to 176°F)
Diameter Tolerance: ± 0.005 " (± 0.127 mm) ID/OD
Bend Radius: 0.13" (3.3mm)
Wetted Materials: POE
Non-wetted Materials: POE
Durometer: 86 Shore A, compatible with green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, BPOG Tested, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Other Technical Data: 30 Metre coil (100 Feet) of clear POE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range



3/32" x 5/32"
E-T-160137



1/8" x 1/4"
E-T-160138



3/16" x 5/16"
E-T-160139



1/4" x 3/8"
E-T-160140

Polyethylene

E-T-160071 - Black Linear Low Density Polyethylene (LLDPE) Tubing, 50 Shore D, 0.062" (1.6mm) ID x 1/8" (3.2mm) OD - 30M

Technical Data

Working Pressure: 3:1 Safety Factor

Operating Range: 21.03 bar (305 psi) at 25°C (75°F)

8.27 bar (120 psi) at 65°C (150°F)

Temperature Range (°C [°F]): -40°C to 66°C (-40°F to 150°F)

Diameter Tolerance: ± 0.004 " (± 0.10 mm) ID/OD

Bend Radius: 1/2" (12.7mm)

Wetted Materials: Linear Low Density Polyethylene (LLDPE)

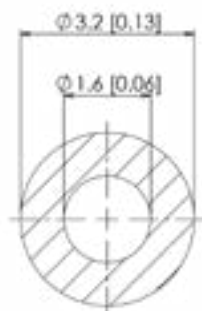
Non-wetted Materials: Linear Low Density Polyethylene (LLDPE)

Durometer: 50 Shore D, compatible with green dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: NSF 51, FDA 21 CFR 177.1520, California Prop.65 compliant

Other Technical Data: 30 Metre coil (100 Feet) of black colour Linear Low Density Polyethylene (LLDPE) tubing with an internal diameter of 0.062" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.031" (0.8mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE



Available in other colours
Contact us for more information



More from this range



0.106" x 5/32"
E-T-160074

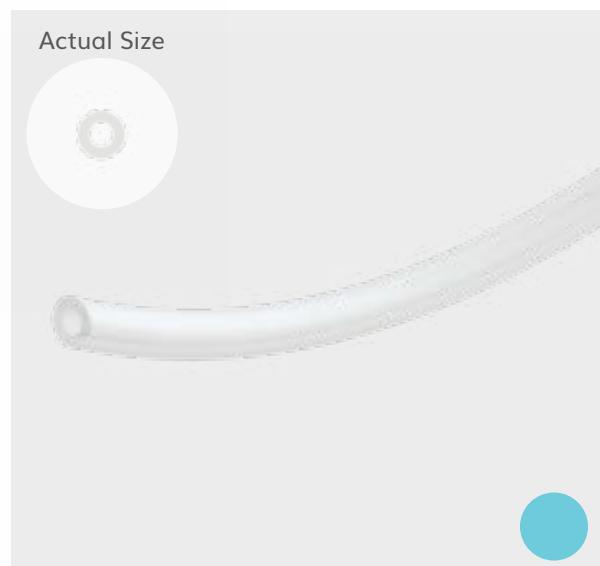


0.170" x 1/4"
E-T-160080



5/32" x 0.236"
E-T-160077

E-T-190002 - Natural Polyethylene Tubing, 75 Shore A, 1/8" (3.2mm) ID x 1/4" (6.4mm) OD - 100ft



Technical Data

Temperature Range : Depending on application, tubing will melt at 101°C (215°F)

Bend Radius: 0.85" (21.6mm)

Wetted Materials: Polyethylene

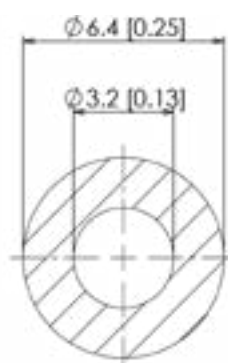
Non-wetted Materials: Polyethylene

Durometer: 75 Shore A, compatible with blue dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: California Prop.65 compliant

Other Technical Data: This tubing ideally use for water management system, brewery system, home brewing system, ink application and may more..



CROSS SECTION OF HOSE

More from this range



1/16" x 1/8"
E-T-200002



3/32" x 5/32"
E-T-220029



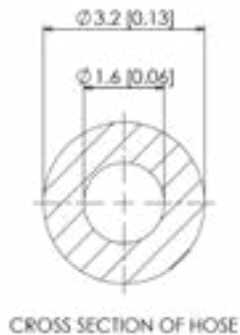
1/4" x 3/8"
E-T-200009

Polyurethane

E-T-160057 - Black Polyurethane Tubing, 85 Shore A, 0.066" (1.7mm) ID x 1/8" (3.2mm) OD Tube - 15M

Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 9.31 bar (135 psi) at 25°C (75°F)
3.79 bar (55 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -40°C to 74°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 3/16" (4.8mm)
Wetted Materials: Polyurethane
Non-wetted Materials: Polyurethane
Durometer: 85 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: 15 Metre coil (50 Feet) of Ether based UV stabilised black colour highly flexible 85A Polyurethane tubing with an internal diameter of 0.066" (1.7mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with barb style fittings.



Available in other colours
Contact us for more information



More from this range



3/32" x 5/32"
E-T-160060



1/8" x 1/4"
E-T-160062



3/16" x 5/16"
E-T-160065



1/4" x 3/8"
E-T-160068

Available in other colours
Contact us for more information



E-T-160040 - Black Polyurethane Tubing, 95 Shore A, 0.066" (1.7mm) ID x 1/8" (3.2mm) OD Tube - 15M

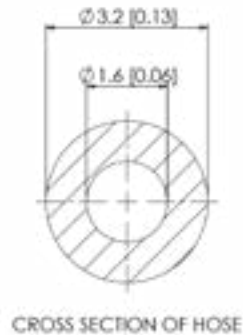


Technical Data

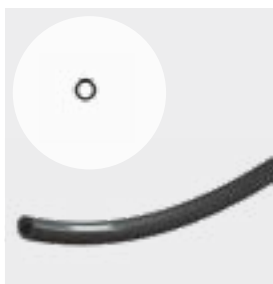
Working Pressure: 3:1 Safety Factor
Operating Range: 17.58 bar (255 psi) at 25°C (75°F)
 6.89 bar (100 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -40°C to 74°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 1/4" (6.4mm)
Wetted Materials: Polyurethane
Non-wetted Materials: Polyurethane
Durometer: 95 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: 15 Metre coil (50 Feet) of Ether based UV stabilised black colour highly flexible 95A Polyurethane tubing with an internal diameter of 0.066" (1.7mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with push-in, barb and poly tube finger tight style fittings.



Available in other colours
 Contact us for more information



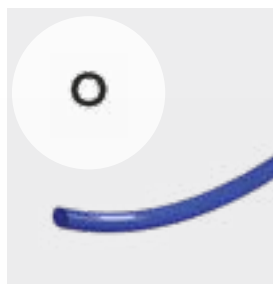
More from this range



0.071" x 0.118"
E-T-160038



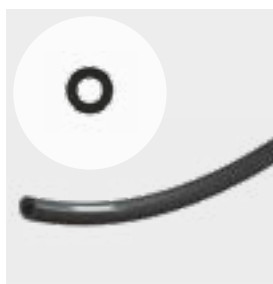
3/32" x 5/32"
E-T-160043



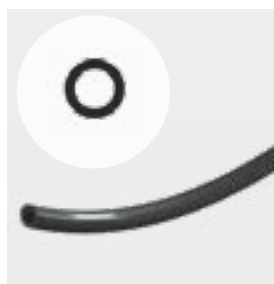
0.107" x 3/16"
E-T-160046



5/32" x 0.236"
E-T-160048



1/8" x 1/4"
E-T-160051



0.197" x 0.315"
E-T-160054

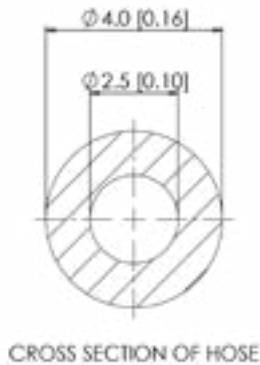
Available in other colours
 Contact us for more information



E-T-160086 - Black Polyurethane Tubing, 95/98 Shore A, 0.098" (2.5mm) ID x 5/32" (4.0mm) OD - 30M

Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 11.00 bar (160 psi)
44.00 bar (638 psi)
Temperature Range (°C [°F]): -40°C to 55°C (-40°F to 131°F)
Diameter Tolerance: ± 0.004 " (± 0.10 mm) ID/OD
Bend Radius: 0.984" (25.0mm)
Wetted Materials: Polyurethane (Ester Based)
Non-wetted Materials: Polyurethane (Ester Based)
Durometer: 95/98 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: Compliant with F&DA regulations
Other Technical Data: 30 Metre coil (100 Feet) of blue colour 95/98A Polyurethane tubing with an internal diameter of 0.098" (2.5mm), an outside diameter of 5/32" (4.0mm) and a wall thickness of 0.030" (0.8mm) suitable for use with push-in and poly tube style fittings.



Available in other colours
Contact us for more information



More from this range



5/32" x 0.236"
E-T-160089



0.197" x 0.315"
E-T-160092

Additional sizes available in other colours, contact us to learn more
Email - sales@eoxshop.com or call us - +44 (0)2392 266031

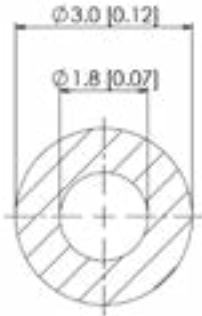
Nylon Tubing

E-T-160028 - Natural Nylon Tubing, 115 Shore A, 0.071" (1.8mm) ID x 0.118" (3.0mm) OD - 30M



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 28.27 bar (410 psi) at 25°C (75°F)
16.55 bar (240 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -51°C to 93°C (-60°F to 200°F)
Diameter Tolerance: ±0.004" (±0.10mm) ID/OD
Bend Radius: 0.248" (6.3mm)
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Durometer: 115 Shore A, compatible with green dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: 30 Metre coil (100 Feet) of UV stabilised natural colour Nylon tubing with an internal diameter of 0.071" (1.8mm), an outside diameter of 0.118" (3.0mm) and a wall thickness of 0.024" (0.6mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE

More from this range



0.106" x 5/32"
E-T-160029



5/32" x 0.236"
E-T-160032



0.236" x 0.315"
E-T-160035

PVC Tubing

E-T-160095 - Clear Unreinforced PVC Tubing, 80 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 30M

Technical Data

Working Pressure: 3:1 Safety Factor

Operating Range: 10.00 bar (145 psi) at 25°C (75°F)

1.38 bar (20 psi) at 65°C (150°F)

Temperature Range (°C [°F]): -34°C to 65°C (-30°F to 150°F)

Diameter Tolerance: ±0.005" (±0.127mm) ID/OD

Bend Radius: 3/8" (9.5mm)

Wetted Materials: Non-Phthalate Polyvinyl Chloride (PVC)

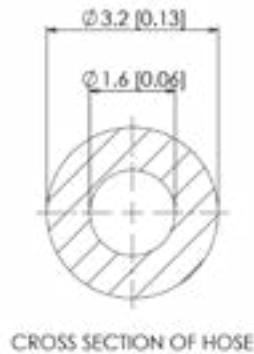
Non-wetted Materials: Non-Phthalate Polyvinyl Chloride (PVC)

Durometer: 80 Shore A, compatible with blue dot fittings

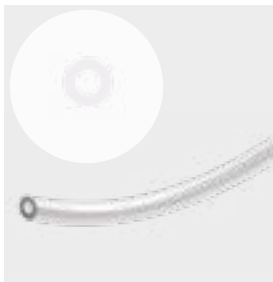
RoHS/REACH Compliant: Yes

Regulatory Information: FDA 21 CFR for food contact, USP Class VI, California Prop.65 compliant

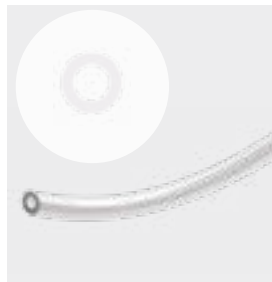
Other Technical Data: 30 Metre coil (100 Feet) of Un-reinforced flexible clear colour Polyvinyl Chloride (PVC) tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm) suitable for use with push-in and compression style fittings.



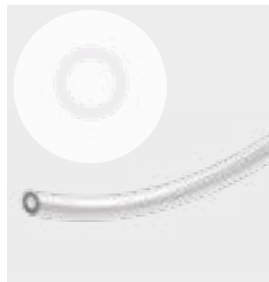
More from this range



1/8" x 1/4"
E-T-160096



3/16" x 5/16"
E-T-160097



1/4" x 3/8"
E-T-160098

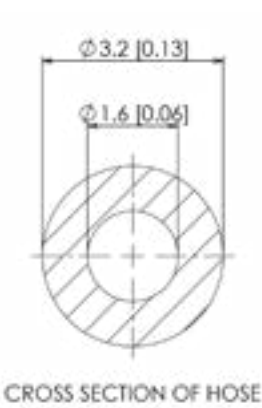
Silicone Tubing

E-T-160100 - Translucent Platinum Cured Silicone Tubing, 60 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 25M



Technical Data

Temperature Range (°C [°F]): -40°C to 200°C (-40°F to 392°F)
Diameter Tolerance: ±0.004" (±0.10mm) ID/OD
Wetted Materials: Platinum Cured Silicone
Non-wetted Materials: Platinum Cured Silicone
Durometer: 60 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: WRAS approval for hot and cold water, FDA 21 CFR 177.2600, BfR compliant, California Prop.65 compliant
Other Technical Data: 25 Metre coil (82 Feet) of translucent platinum cured Silicone tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with barb style fittings.



More from this range



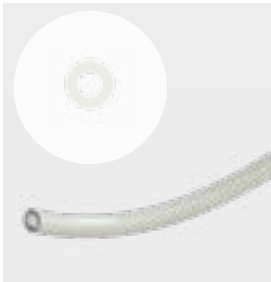
1/16" x 3/16"
E-T-160102



3/32" x 5/32"
E-T-160104



1/8" x 3/16"
E-T-160106



1/8" x 1/4"
E-T-160108

E-T-160110 - Translucent Platinum Cured Silicone Tubing, 60 Shore A, 5/32" (4.0mm) ID x 0.276" (7.0mm) OD - 25M

Technical Data

Temperature Range (°C [°F]): -40°C to 200°C (-40°F to 392°F)

Diameter Tolerance: ± 0.008 " (± 0.20 mm) ID/ ± 0.006 " (± 0.15 mm) OD

Wetted Materials: Platinum Cured Silicone

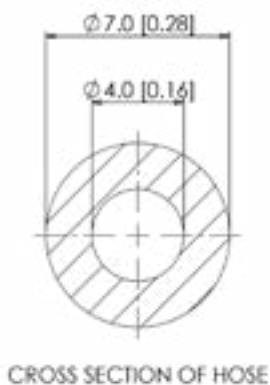
Non-wetted Materials: Platinum Cured Silicone

Durometer: 60 Shore A, compatible with blue dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: WRAS approval for hot and cold water, FDA 21 CFR 177.2600, BfR compliant, California Prop.65 compliant

Other Technical Data: 25 Metre coil (82 Feet) of translucent platinum cured Silicone tubing with an internal diameter of 5/32" (4.0mm), an outside diameter of 0.276" (7.0mm) and a wall thickness of 0.059" (1.5mm) suitable for use with barb style fittings.



More from this range



5/32" x 0.315"
E-T-160112



3/16" x 1/4"
E-T-160114



3/16" x 0.315"
E-T-160116



0.248" x 3/8"
E-T-160118



0.248" x 1/2"
E-T-160120

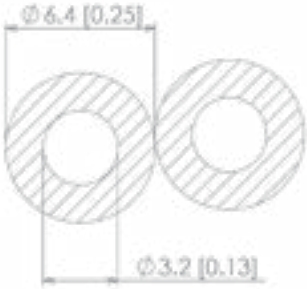
Ribbon Tubing

E-T-160149 - 2 Way Multi Colour Ribbon Tubing, 85 Shore A, 1/8" (3.2mm) ID x 1/4" (6.4mm) OD - 30M



Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 10.00 bar (145 psi) at 25°C (75°F)
Temperature Range (°C [°F]): -40°C to 73°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 1/2" (12.7mm)
Wetted Materials: Polyurethane (Ether based)
Non-wetted Materials: Polyurethane (Ether based)
Durometer: 85 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, USP Class VI, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: 30 Metre coil (100 Feet) of Ether based UV stabilised Fre-Thane® 85A Polyurethane 2 way multi colour ribbon tubing (black & natural) with an internal diameter of 1/8" (3.2mm), an outside diameter of 1/4" (6.4mm) and a wall thickness of 1/16" (1.6mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE

More from this range



2 Way Ribbon - 10m
E-T-160150



4 Way Ribbon - 10m
E-T-160152



6 Way Ribbon - 10m
E-T-160154



8 Way Ribbon - 10m
E-T-160156



4 Way Ribbon - 30m
E-T-160151



6 Way Ribbon - 30m
E-T-160153



8 Way Ribbon - 30m
E-T-160155

E-T-160141 - 2 Way Multi Colour Ribbon Tubing, 85 Shore A, 0.066" (1.7mm) ID x 1/8" (3.2mm) OD - 30M

Technical Data

Working Pressure: 3:1 Safety Factor

Operating Range: 9.3 bar (135 psi) at 25°C (75°F)

Temperature Range (°C [°F]): -40°C to 73°C (-40°F to 165°F)

Diameter Tolerance: ±0.005" (±0.127mm) ID/OD

Bend Radius: 3/16" (4.8mm)

Wetted Materials: Polyurethane (Ether based)

Non-wetted Materials: Polyurethane (Ether based)

Durometer: 85 Shore A, compatible with both green and blue dot fittings

RoHS/REACH Compliant: Yes

Regulatory Information: NSF 61, USP Class VI, Meets UL 94HB

Testing requirements, California Prop.65 compliant

Other Technical Data: 30 Metre coil (100 Feet) of Ether based UV stabilised Fre-Thane® 85A Polyurethane 2 way multi colour ribbon tubing (black & natural) with an internal diameter of 0.066" (1.7mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE



More from this range



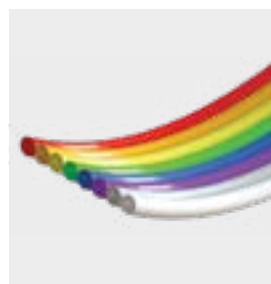
2 Way Ribbon - 10m
E-T-160142



4 Way Ribbon - 10m
E-T-160144



6 Way Ribbon - 10m
E-T-160146



8 Way Ribbon - 10m
E-T-160148



4 Way Ribbon - 30m
E-T-160143



6 Way Ribbon - 30m
E-T-160145



8 Way Ribbon - 30m
E-T-160147

Tube Accessories

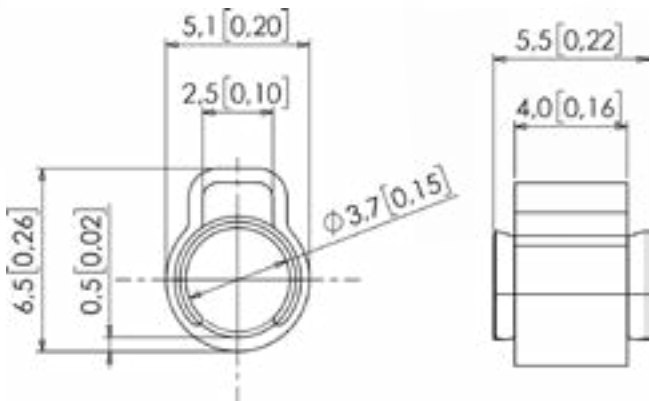
E-T-220011 - 304 Stainless Steel Single Ear Clamp with Insert, 2.9mm to 3.7mm OD Tube



Also Available - E-T-220012
3.7mm x 4.7mm

Technical Data

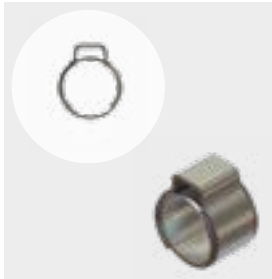
Connection: 2.9mm to 3.7mm OD Tube
Mounting Style: In-Line
Non-wetted Materials: 304 Stainless Steel, 301 Stainless Steel
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A 304 Stainless Steel clamp with single side ear and 301 Stainless Steel insert. Ideally use for 2.9mm to 3.7mm OD tube. Maximum closing force 1500N. Do not apply secondary crimping force.



More from this range



4.7mm x 5.7mm
E-T-220013



5.9mm x 7.0mm
E-T-220014



7.0mm x 8.5mm
E-T-220015



8.5mm x 10.0mm
E-T-220016



9.5mm x 11.5mm
E-T-220017



11.1mm x 13.1mm
E-T-220018



13.2mm x 15.8mm
E-T-210012



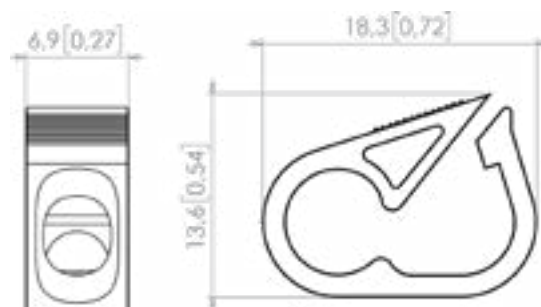
14.6mm x 16.8mm
E-T-220019

Also Available...



Tubing Clamps

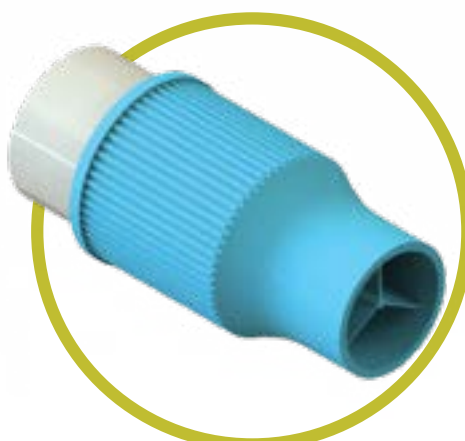
Available in a range of sizes including micro, small, medium and large. The range also includes various material options and colours.



Micro Tubing Clamp, Red Polypropylene
[E-T-190051](#)



Tubing Flanges



Tube End Drain Valves

Visit [eoxshop](#) to view our range of accessories



Couplings

Designed for changing out lines quickly and easily, couplings are made to be connected and disconnected with ease, without the use of tools or loss of product. Our miniature couplings range is available in a wide variety of metal and plastic materials. Coupling specification options include selectable mounting type and connection type with many of our couplings range available with valve and non-valve flow control.

Each thumb latch coupling comes with a "Q" rating, which is indicative of the flow size. These can be interchanged with other similar couplings on the market that share the same Q series. See below for flow size guide.



Key:

Flow Size Guide	
Q1	1/16"
Q2	1/8"
Q3	1/8"
Q4	1/4"
Q5	1/4"
Q6	3/8"



Denotes valved option.
Allows flow in both
directions once connected

Key Features Include:

- Ease of connection and disconnection
- RoHS and REACH compliant
- Cost-effective options
- Multiple material options

Typical Applications:

- Bioprocessing
- Biomedicine
- Industrial
- Pneumatics

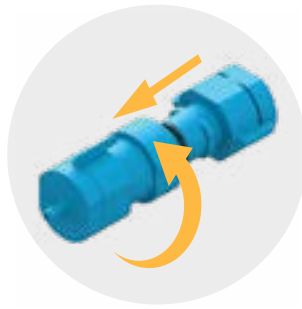


Plastic Thumb Latch

These couplings are operated by means of a mechanical latch on the female coupling.

This allows for one-handed connection and disconnection of the female and male halves.

Page 101-110



Twist Lock

Twist Lock Couplings require a two-handed operation, preventing accidental disconnection during use. These are available in Nylon and Polypropylene.

Page 111-120



Blood Pressure

The male half of this coupling complies with the blood pressure industry standard ISO 80369-5, connecting with other couplings designed to this standard.

Page 121-125



Metal Thumb Latch

Available in Chrome Plated Brass and 316 Stainless Steel. These couplings are resistant to most chemicals and suitable for industrial and medical applications.

Page 125-136



Multiple Bulkhead

Ideal for connecting many media lines/tubing together. This makes it easier to swap out equipment, saving valuable downtime. A keyed design prevents misconnection.

Page 137-138

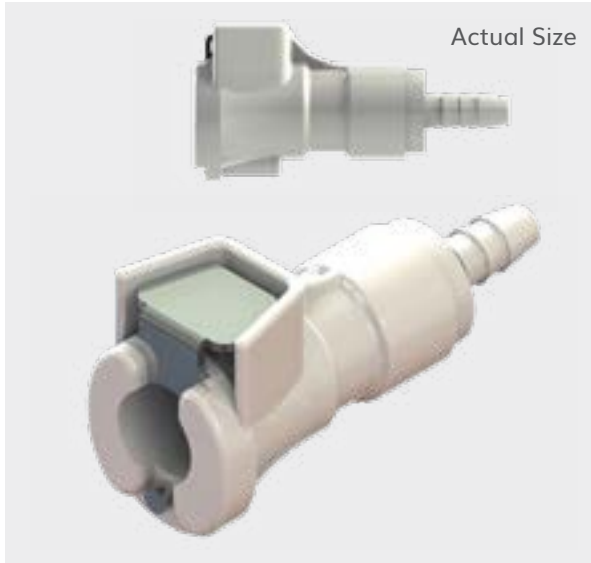
Please note - Interconnect guarantee is for Q2 and Q4 series PP, SS316, CB and Acetal range only

Material Options:

- ABS
- Acetal
- Nylon
- Polycarbonate
- Polypropylene
- Aluminium
- Natural Brass
- Chrome Plated Brass
- Stainless Steel

Q2 Series - 1/8" Flow

E-Q-160399 - Acetal Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Plug Connector

Mounting Style: In-Line

Wetted Materials: Acetal

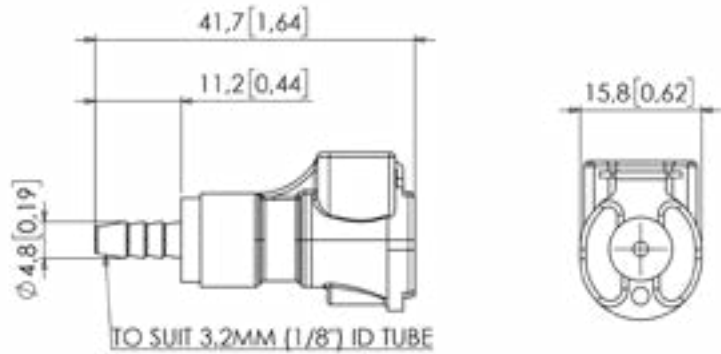
Non-wetted Materials: Acetal, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40 to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range



1/8" ID
Panel Mount
E-Q-160403



1/4" ID
In-Line
E-Q-160401

E-Q-160416 - Acetal Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Plug Connector

Mounting Style: In-Line

Wetted Materials: Acetal, 316 Stainless Steel, Buna-N

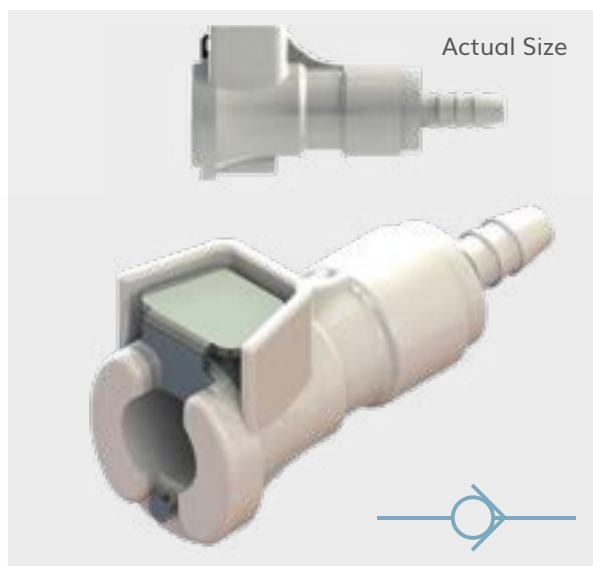
Non-wetted Materials: Acetal, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40 to 180°F)

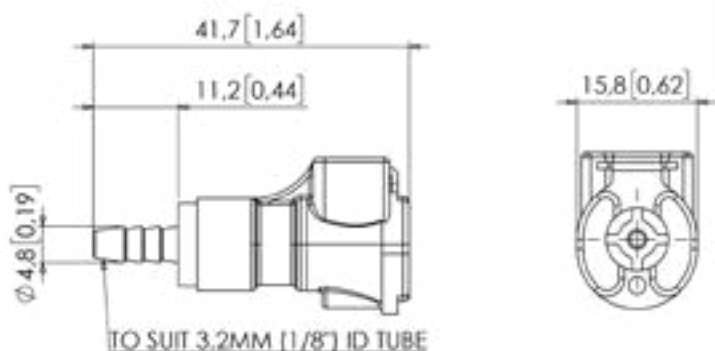
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q2 Series



More from this range



1/8" ID
Panel Mount
E-Q-160420

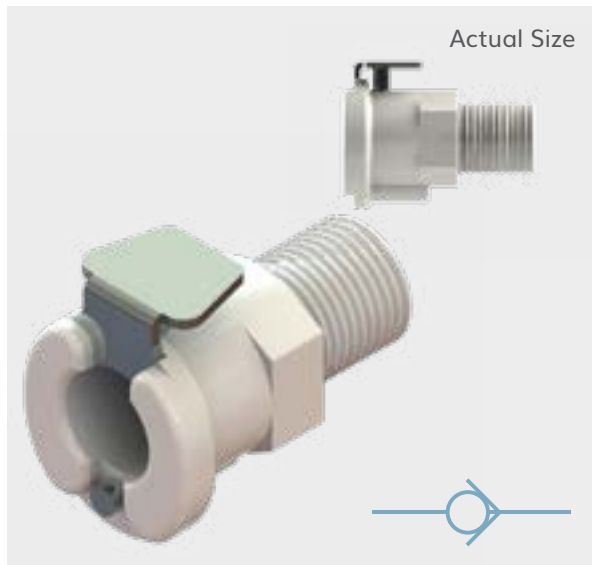


3/16" ID
In-Line
E-Q-160417



1/4"
In-Line
E-Q-160418

E-Q-160412 - Acetal Socket Coupling, Buna-N Seal, 1/8" BSPT Male Thread, Valved, 1/8" Flow - Q2 Series



Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)

Connection 1: 1/8" BSPT Male Thread

Connection 2: To mating Q2 Plug Connector

Mounting Style: Threaded

Wetted Materials: Acetal, 316 Stainless Steel, Buna-N

Non-wetted Materials: Acetal, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

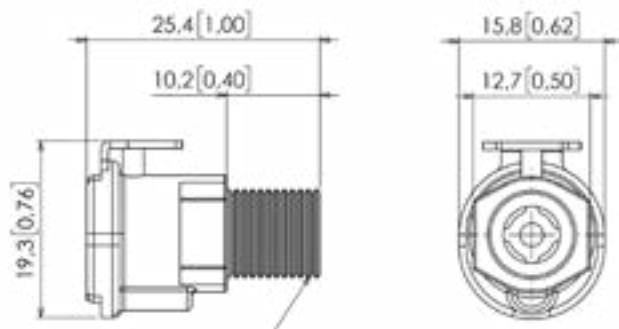
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q2 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q2 Series



More from this range



1/8" BSPT
Threaded
E-Q-160395

E-Q-160433 - Acetal Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Socket Connector

Mounting Style: In-Line

Wetted Materials: Acetal, Buna-N

Non-wetted Materials: Acetal

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

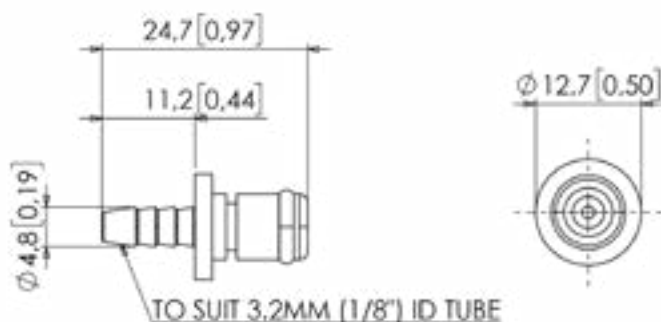
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q2 Series



More from this range



1/8" BSPT
Threaded
E-Q-160429



1/8" ID Elbow
In-Line
E-Q-160440

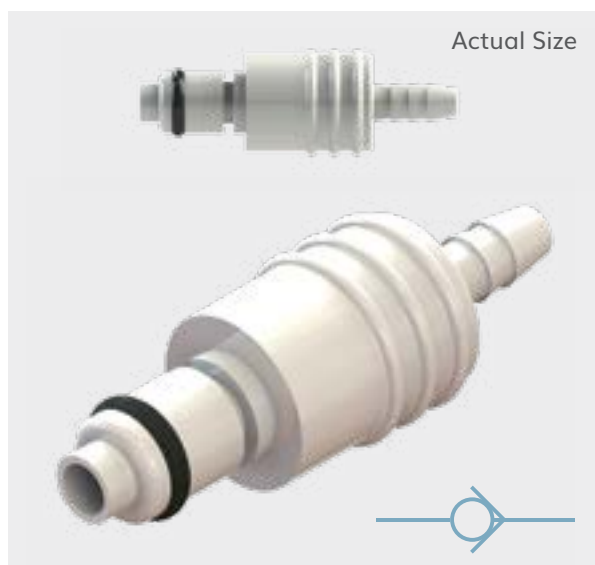


1/8" ID
Panel Mount
E-Q-160437



1/4" ID
In-Line
E-Q-160435

E-Q-160452 - Acetal Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

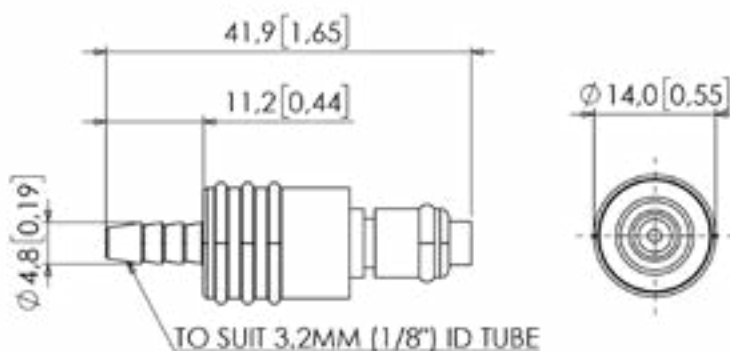


Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Socket Connector
Mounting Style: In-Line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q2 Series



More from this range



1/8" Elbow
 In-Line
 E-Q-160459



1/8"
 Panel Mount
 E-Q-160456



1/4"
 In-Line
 E-Q-160454



1/4" Elbow
 In-Line
 E-Q-160460



1/4"
 Panel Mount
 E-Q-160458

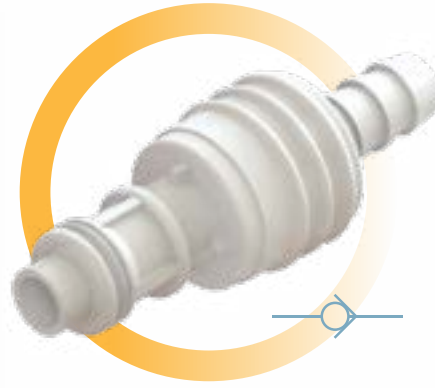
Coming Soon - Q5 Series - 1/4" Flow

Medical Grade Polypropylene Couplings

1/4"



E-Q-230015

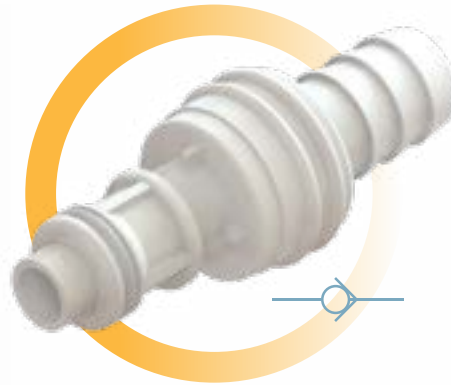


E-Q-230013

3/8"



E-Q-230016



E-Q-230014

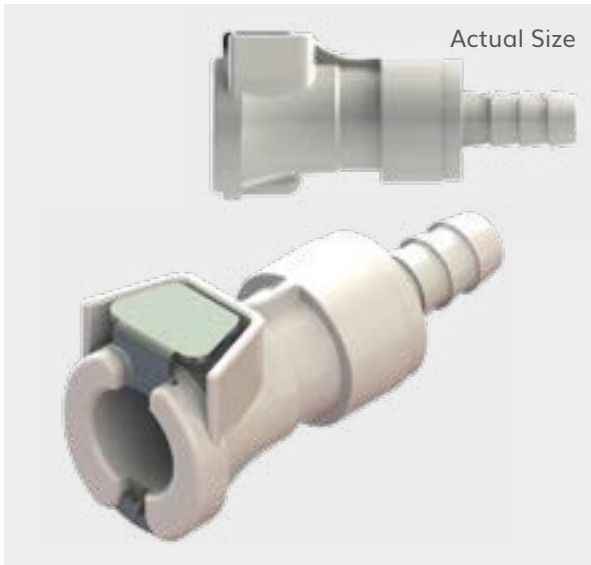
Key Features:

- Available Sizes: 1/4" and 3/8"
- Silicone (USP Class VI) seal
- Connects with other Q5 couplings
- Suitable for bi-directional flow
- Class 8 cleanroom
- Audible click thumb-latch
- Designed to use for cell and gene therapy applications

Contact us for further information sales@eoxshop.com

Q4 Series - 1/4" Flow

E-Q-160503 - Acetal Socket Coupling, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series

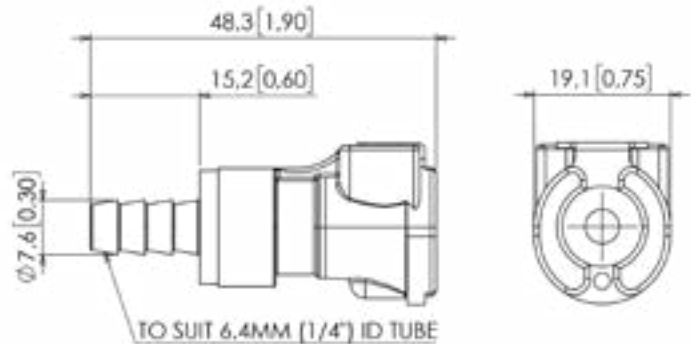


Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: In-Line
Wetted Materials: Acetal
Non-wetted Materials: Acetal, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q4 Series



E-Q-160504 - Acetal Panel Mount Socket Coupling, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series

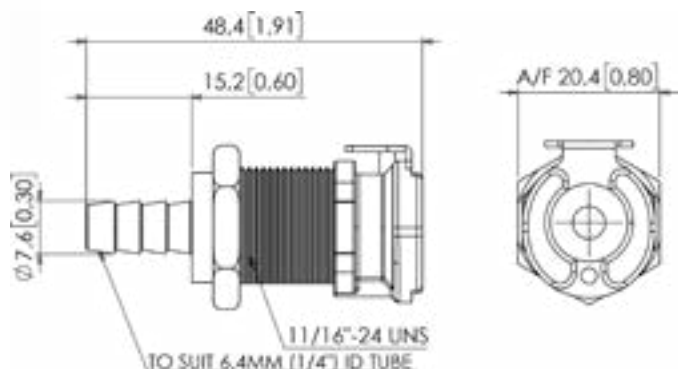


Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Acetal
Non-wetted Materials: Acetal, Nickel Plated Brass, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



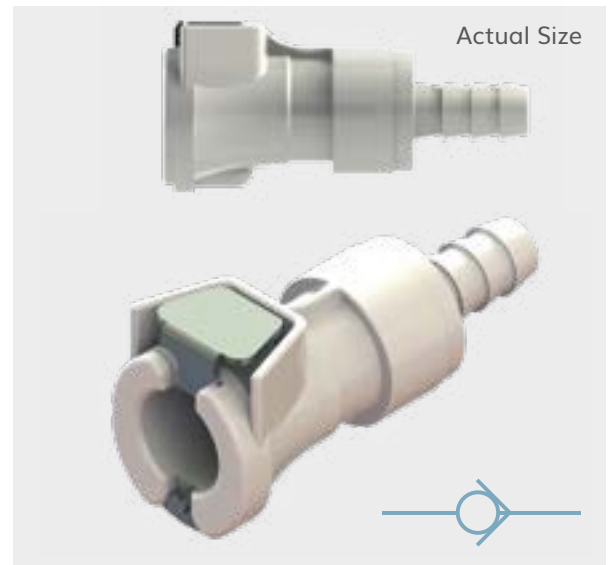
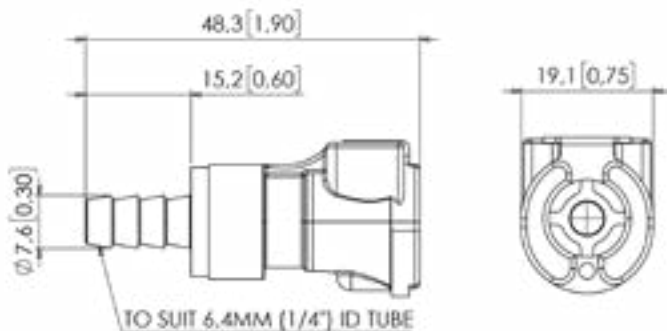
Connects with Q4 Series



E-Q-160511 - Acetal Socket Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: In-Line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.

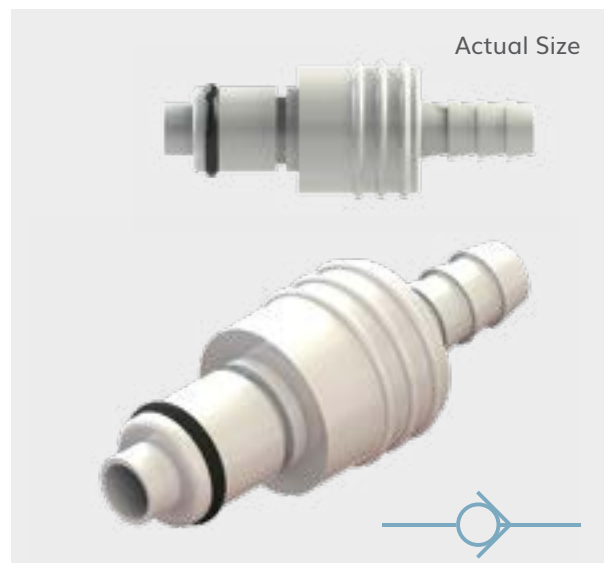
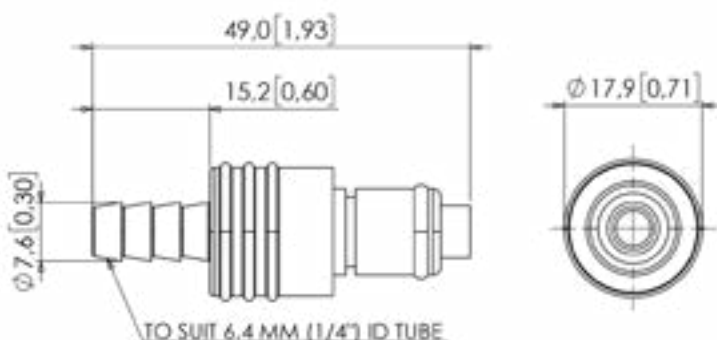


Connects with Q4 Series

E-Q-160527 - Acetal Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-Line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q4 Series
Also available - E-Q-160528
1/4" Panel Mount

E-Q-160519 - Acetal Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series



Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)

Connection 1: 1/4" (6.4mm) ID Tube

Connection 2: To mating Q4 Socket Connector

Mounting Style: In-Line

Wetted Materials: Acetal, Buna-N

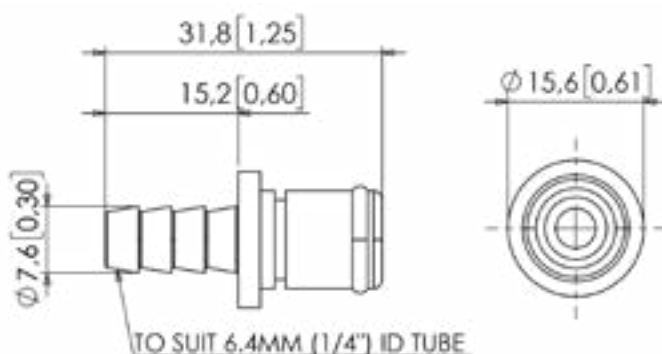
Non-wetted Materials: Acetal

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q4 Series

More from this range



1/4" BSPT
Threaded
E-Q-160518



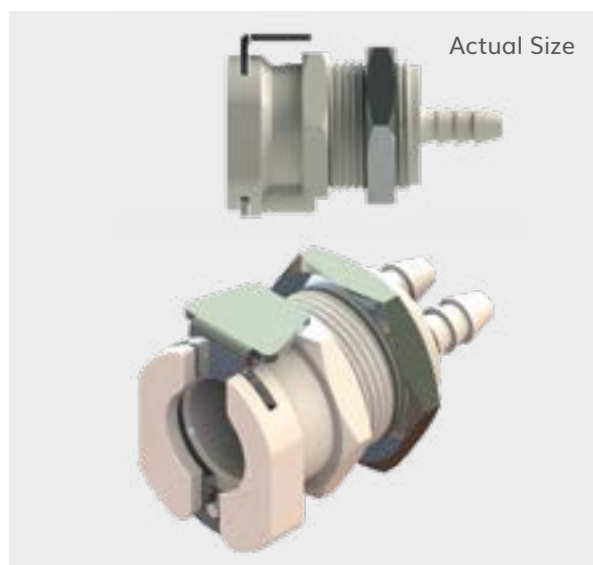
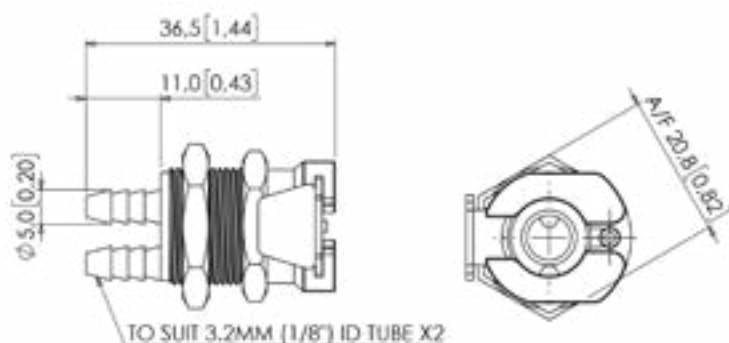
1/4"
Panel Mount
E-Q-160520

Q42 Series - 3/32" Flow

E-Q-160547 - Medical Grade ABS Panel Mount Dual Line Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 3/32" Flow - Q42 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/8" (3.2mm) ID Tube
Connection 3: To mating Q42 Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Medical Grade ABS
Non-wetted Materials: Medical Grade ABS, Stainless Steel, Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q42 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Nut is included.

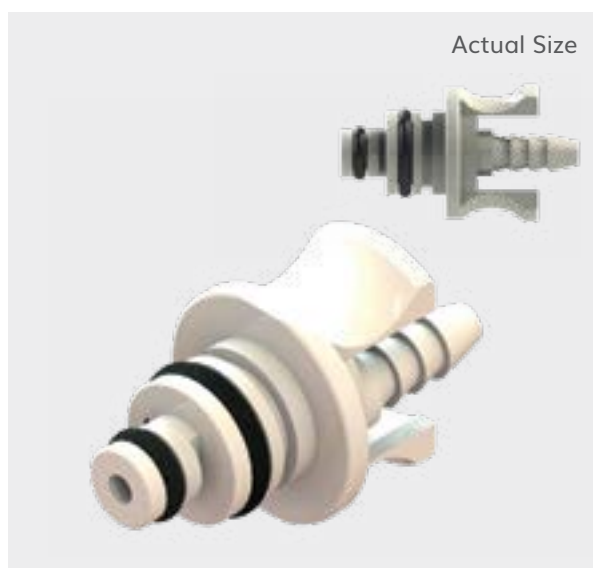
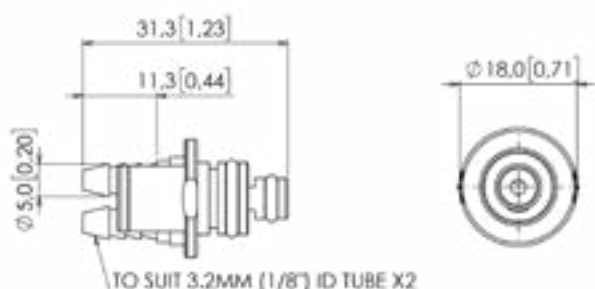


Connects with Q42 Series

E-Q-160548 - Medical Grade ABS Dual Line Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved, 3/32" Flow - Q42 Series

Technical Data

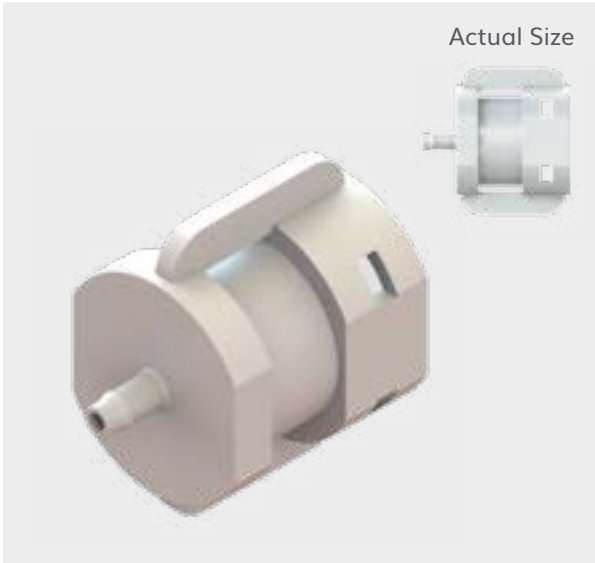
Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/8" (3.2mm) ID Tube
Connection 3: To mating Q42 Socket Connector
Mounting Style: In-Line
Wetted Materials: Medical Grade ABS, Buna-N
Non-wetted Materials: Medical Grade ABS
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q42 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style.



Connects with Q42 Series

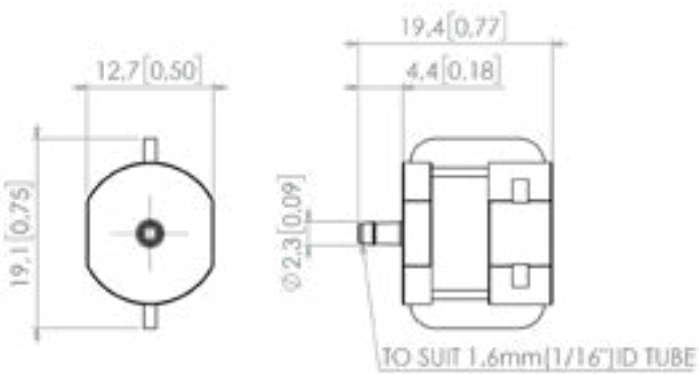
Twist Lock

E-Q-160074 - 1/4 Turn White Nylon Socket Coupling, 1/16" (1.6mm) ID Tube, Non-Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 1.51 LPM, 0.05 SCFM
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: White Plastic Quick-Connect 1/4 Turn Coupling, 1/16" (1.6mm) ID Barb to Socket Connector.



Also available - E-Q-160075
Black Nylon

More from this range



Sockets

Part Number	Size	Colour
E-Q-160076	3/32" ID	White
E-Q-160077	3/32" ID	Black
E-Q-160078	1/8" ID	White
E-Q-160079	1/8" ID	Black
E-Q-160080	5/32" ID	White
E-Q-160081	5/32" ID	Black
E-Q-160082	3/16" ID	White
E-Q-160083	3/16" ID	Black
E-Q-160084	1/4" ID	White
E-Q-160085	1/4" ID	Black
E-Q-160130	1/8" NPT	White
E-Q-160131	1/8" NPT	Black
E-Q-160132	1/4" NPT	White
E-Q-160133	1/4" NPT	Black



Plugs

Part Number	Size	Colour
E-Q-160086	1/16" ID	White
E-Q-160087	1/16" ID	Black
E-Q-160088	3/32" ID	White
E-Q-160089	3/32" ID	Black
E-Q-160090	1/8" ID	White
E-Q-160091	1/8" ID	Black
E-Q-160092	5/32" ID	White
E-Q-160093	5/32" ID	Black
E-Q-160094	3/16" ID	White
E-Q-160095	3/16" ID	Black
E-Q-160096	1/4" ID	White
E-Q-160097	1/4" ID	Black
E-Q-160134	1/8" NPT	White
E-Q-160135	1/8" NPT	Black
E-Q-160136	1/4" NPT	White
E-Q-160137	1/4" NPT	Black

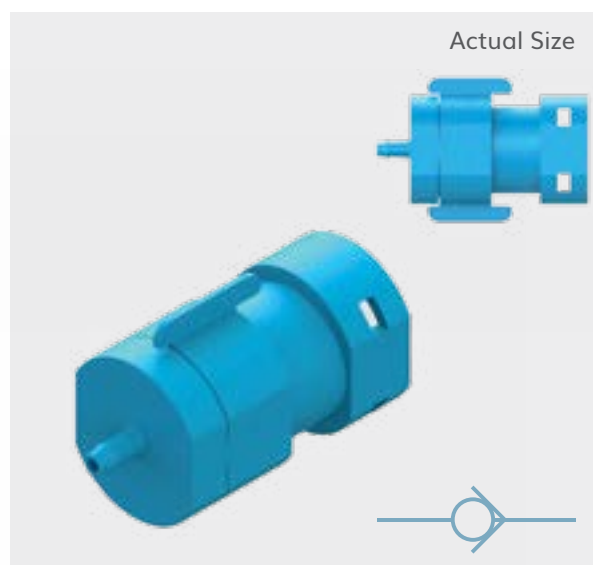


E-Q-160148 - Long Body Panel Mount Socket Connector
E-Q-160156 - Male Cap Plug Connector
Also available in Black

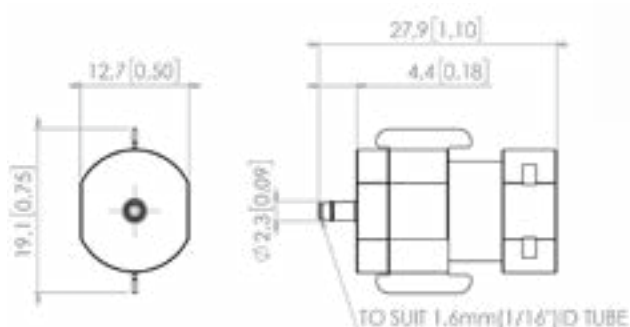
E-Q-160098 - 1/4 Turn Blue Nylon Socket Coupling, Buna-N Seal, 1/16" (1.6mm) ID Tube, Valved

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 1.51 LPM, 0.05 SCFM
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: Nylon, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Blue Plastic Quick-Connect 1/4 Turn Coupling, Valved, 1/16" (1.6mm) ID Barb to Socket Connector.



Also available - E-Q-160099
Grey Nylon



More from this range



Sockets

Part Number	Size	Colour
E-Q-160100	3/32" ID	Blue
E-Q-160101	3/32" ID	Grey
E-Q-160102	1/8" ID	Blue
E-Q-160103	1/8" ID	Grey
E-Q-160104	5/32" ID	Blue
E-Q-160105	5/32" ID	Grey
E-Q-160106	3/16" ID	Blue
E-Q-160107	3/16" ID	Grey
E-Q-160108	1/4" ID	Blue
E-Q-160109	1/4" ID	Grey
E-Q-160138	1/8" NPT	Blue
E-Q-160139	1/8" NPT	Grey
E-Q-160140	1/4" NPT	Blue
E-Q-160141	1/4" NPT	Grey



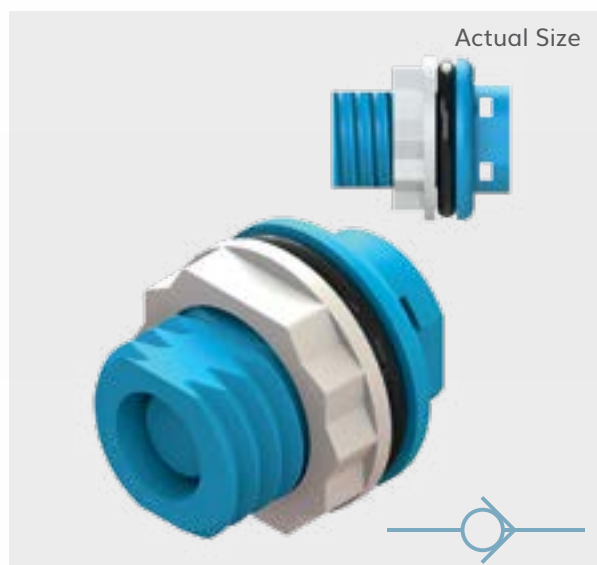
Plugs

Part Number	Size	Colour
E-Q-160110	1/16" ID	Blue
E-Q-160111	1/16" ID	Grey
E-Q-160112	3/32" ID	Blue
E-Q-160113	3/32" ID	Grey
E-Q-160114	1/8" ID	Blue
E-Q-160115	1/8" ID	Grey
E-Q-160116	5/32" ID	Blue
E-Q-160117	5/32" ID	Grey
E-Q-160118	3/16" ID	Blue
E-Q-160119	3/16" ID	Grey
E-Q-160120	1/4" ID	Blue
E-Q-160121	1/4" ID	Grey
E-Q-160142	1/8" NPT	Blue
E-Q-160143	1/8" NPT	Grey
E-Q-160144	1/4" NPT	Blue
E-Q-160145	1/4" NPT	Grey



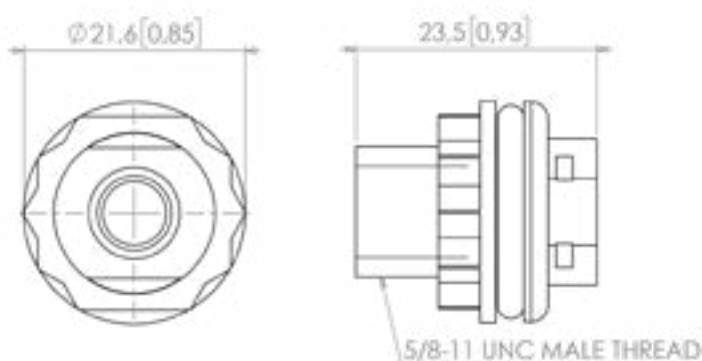
E-Q-160152 - Long Body Panel Mount Socket Connector, Blue
 E-Q-160153 - Long Body Panel Mount Socket Connector, Grey

E-Q-160150 - 1/4 Turn Blue Nylon Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/8-11 UNC Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Nylon, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Blue Plastic Quick-Connect 1/4 Turn Coupling, Valved, 5/8-11 UNC Thread to Female Socket Connector.

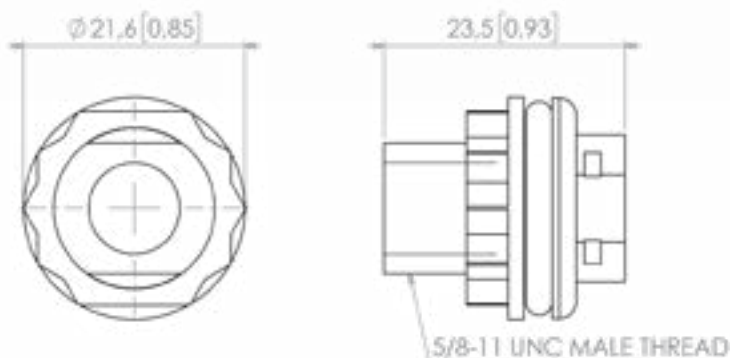


E-Q-160146 - 1/4 Turn White Nylon Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Non-Valved



Technical Data

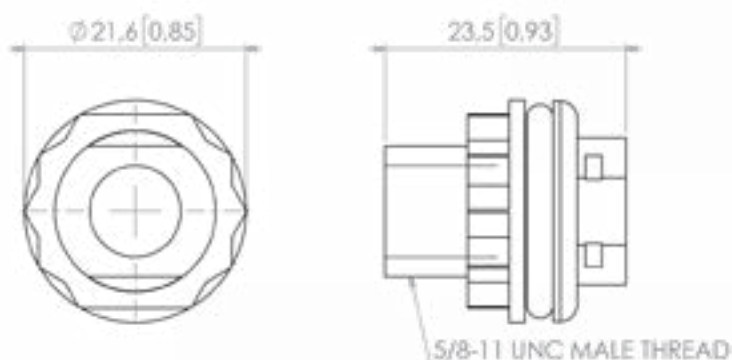
Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/8-11 UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Nylon, Buna-N
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: White Plastic Quick-Connect 1/4 Turn Coupling, 5/8-11 UNC Thread to Female Socket Connector.



E-Q-160147 - 1/4 Turn Black Nylon Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Non-Valved

Technical Data

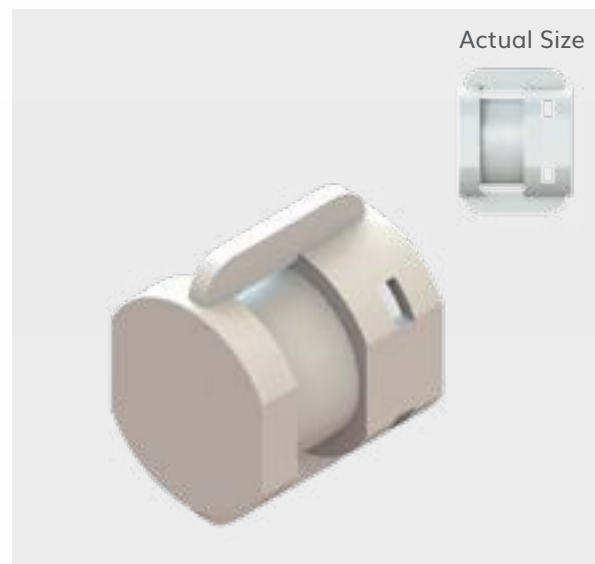
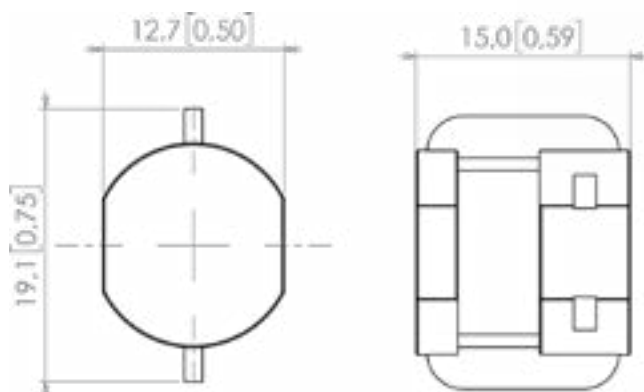
Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/8-11 UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Nylon, Buna-N
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Black Plastic Quick-Connect 1/4 Turn Coupling, 5/8-11 UNC Thread to Female Socket Connector.



E-Q-160154 - 1/4 Turn White Nylon Socket Coupling, End Cap, Non-Valved

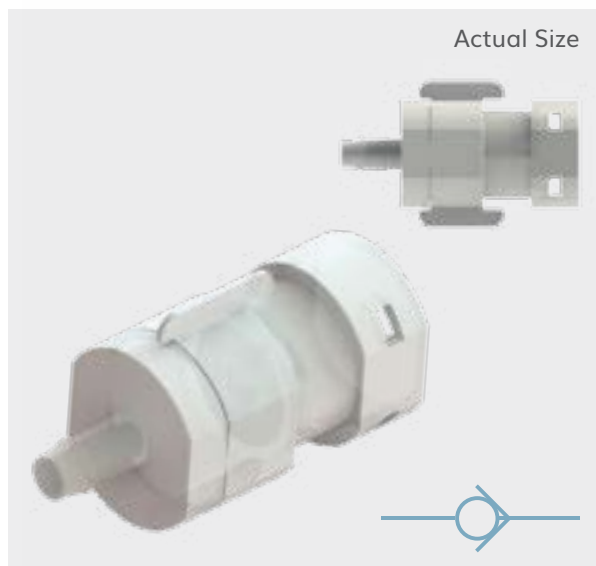
Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: Closed End
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Also available in black.



Also available - E-Q-160155
Black Nylon

E-Q-200127 - 1/4 Turn Polypropylene Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved

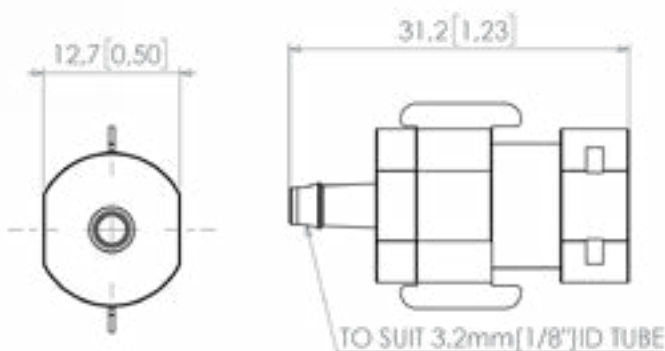


Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 3.60 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Valved.



Connects with 1/4 turn mating plugs



More from this range



1/16" ID
In-Line
E-Q-200126



3/32" ID
In-Line
E-Q-200062



5/32" ID
In-Line
E-Q-200128



3/16" ID
In-Line
E-Q-200129



1/4" ID
In-Line
E-Q-200060



1/8" NPT
In-Line
E-Q-200143

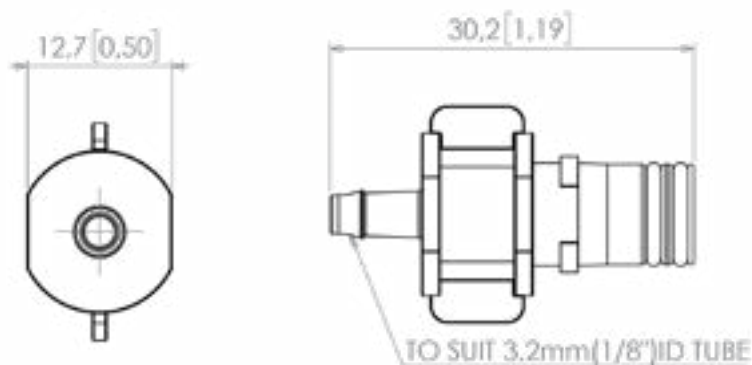


1/4" NPT
In-Line
E-Q-200144

E-Q-200122 - 1/4 Turn Polypropylene Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 4.73 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: Polypropylene, Buna-N
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating socket connector, Non-Valved.



Connects with 1/4 turn mating sockets

More from this range



1/16" ID
In-Line
E-Q-190019



3/32" ID
In-Line
E-Q-200098



5/32" ID
In-Line
E-Q-200123



3/16" ID
In-Line
E-Q-200124



1/4" ID
In-Line
E-Q-200125



1/8" NPT
In-Line
E-Q-200141



1/4" NPT
In-Line
E-Q-200142

E-Q-200117 - 1/4 Turn Polypropylene Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved

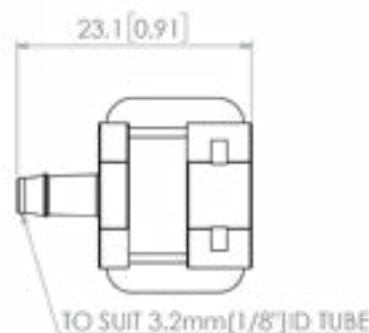


Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 4.73 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Non-Valved.



Connects with 1/4 turn mating plugs



More from this range



1/16" ID
In-Line
E-Q-200115



3/32" ID
In-Line
E-Q-200116



5/32" ID
In-Line
E-Q-200118



3/16" ID
In-Line
E-Q-200119



1/4" ID
In-Line
E-Q-200120



1/8" NPT
In-Line
E-Q-200139

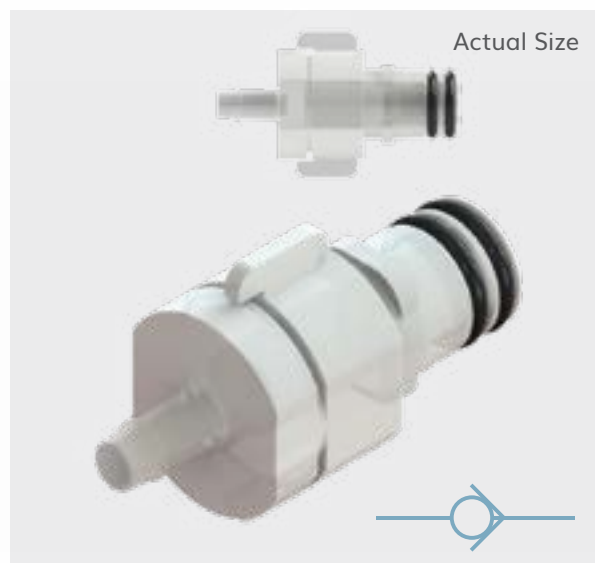
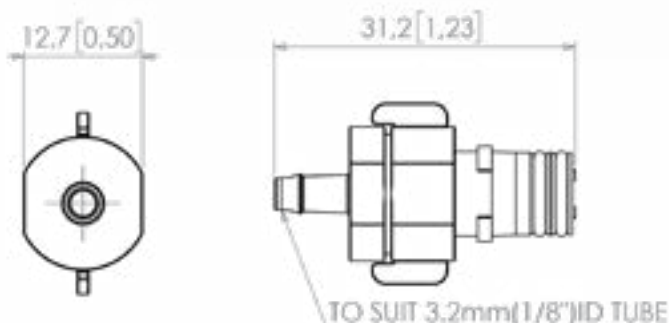


1/4" NPT
In-Line
E-Q-200140

E-Q-200131 - 1/4 Turn Polypropylene Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 3.60 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating socket connector, Valved.



Connects with 1/4 turn mating sockets

More from this range



1/16" ID
In-Line
E-Q-200130



3/32" ID
In-Line
E-Q-200061



5/32" ID
In-Line
E-Q-200132



3/16" ID
In-Line
E-Q-200133



1/4" ID
In-Line
E-Q-200134

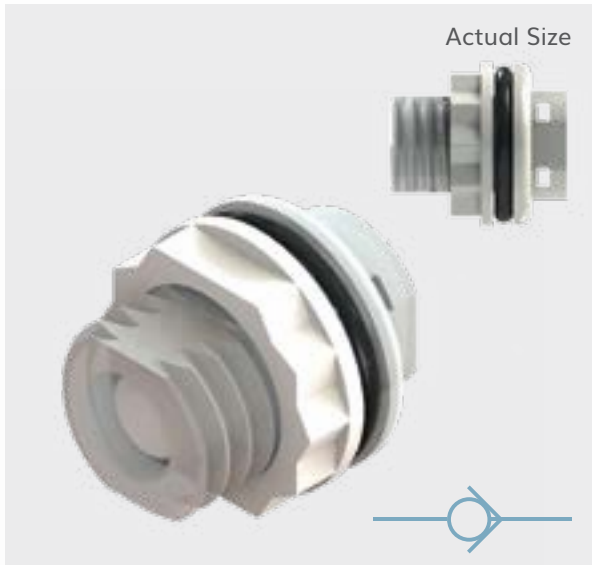


1/8" NPT
In-Line
E-Q-200145



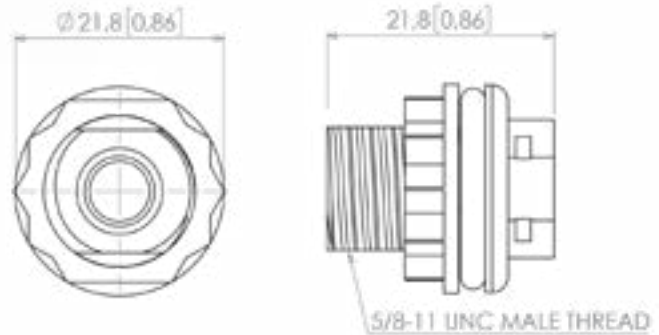
1/4" NPT
In-Line
E-Q-200146

E-Q-200149 - 1/4 Turn Polypropylene Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 5.68 LPM
Connection 1: 5/8-11" UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Valved.



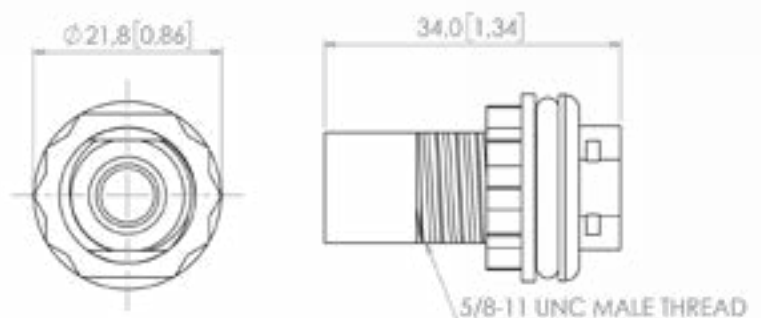
Connects with 1/4 turn mating plugs

E-Q-200150 - 1/4 Turn Polypropylene Panel Mount Socket Coupling (Long Body), Buna-N Seal, 5/8-11" UNC Male Thread, Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 5.68 LPM
Connection 1: 5/8-11" UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Valved.



Connects with 1/4 turn mating plugs

Media Bags and Attachments

we offer a range of media bags and sockets



Media Bags

E-Q-160171 - 500ml Media Bag with Shut Off Plug Pouch
Fitment, Acetal/Polypropylene, Valved

Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)
Connection: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: Polypropylene, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Polyester, Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes

Various sizes and connections available online



Shut-Off Sockets and Plugs

E-Q-160166 - Acetal/Polyethylene Plug
E-Q-160159 - Acetal/Polypropylene Socket

Technical Data

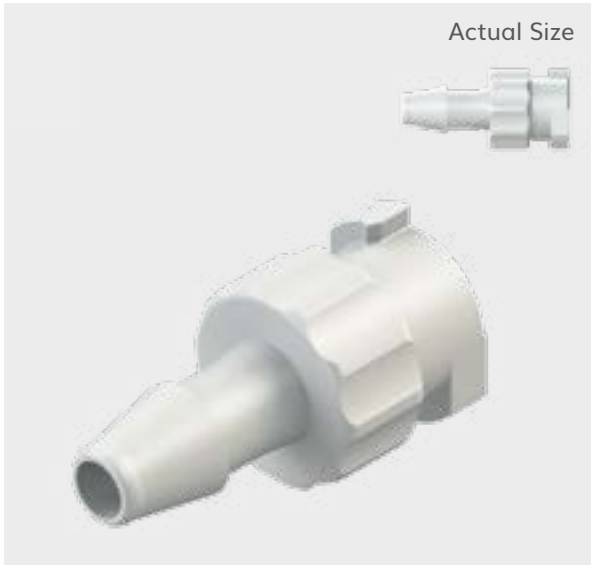
Max. Inlet Pressure: 3.45 bar (50 psi)
Mounting Style: In-Line
Materials: Acetal/Polyethylene and Acetal/Polypropylene
Media Temperature: 27°C (80°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes

Various sizes and connections available online



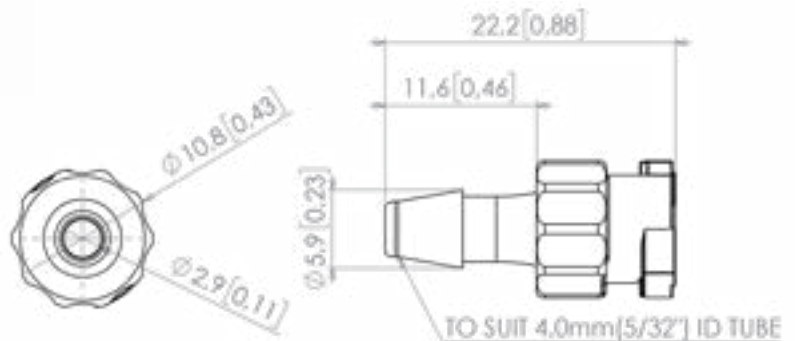
Blood Pressure

E-Q-160304 - 1/4 Turn White ABS Blood Pressure Socket Coupling (Wing Shroud), Buna-N Seal, 5/32" (4.0mm) ID Tube, Non-Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/32" (4.0mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: ABS
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI; ISO 10993 Part 1 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: 1/4 turn Socket blood pressure cuff connector to 5/32" (4.0mm) ID Hose Barb Fitting, White ABS. BPA Free. DEHP Free.



Need a Luer?

Eox offers a wide range of Plastic and Metal Luers - commonly used in the Medical and Pharmaceutical markets where a valved connector is not required. The Luer taper is a standardised system of small scale fluid fittings used for making leak-free connections between a male taper fitting and the mating female connection which are typically used in medical and laboratory instruments, including hypodermic syringe tips, needles or stopcocks.

For more information contact us: sales@eoxshop.com

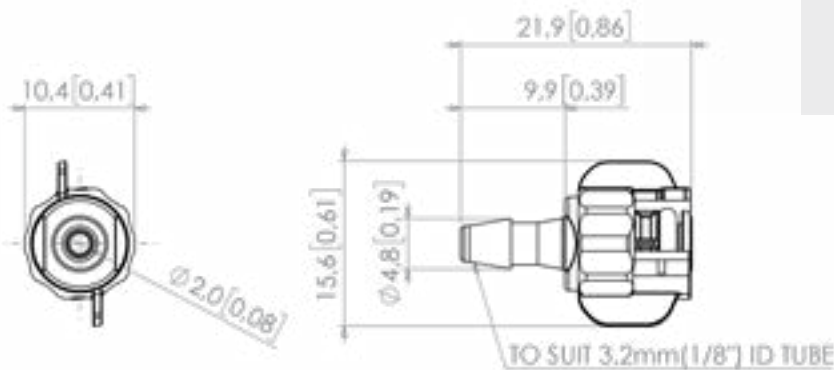


ISO 80369-7 Luers are available

E-Q-160305 - 1/4 Turn White ABS Blood Pressure Socket Coupling (Wing Shroud), Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved

Technical Data

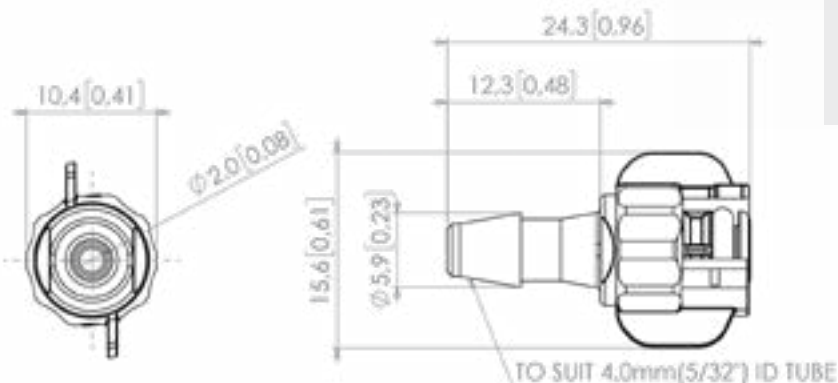
Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: ABS, Buna-N
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI Certified; ISO 10993 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: 1/4 turn Plug blood pressure cuff connector (wing shroud) to 1/8" (3.2mm) ID Hose Barb Fitting, White ABS.
BPA Free. DEHP Free.



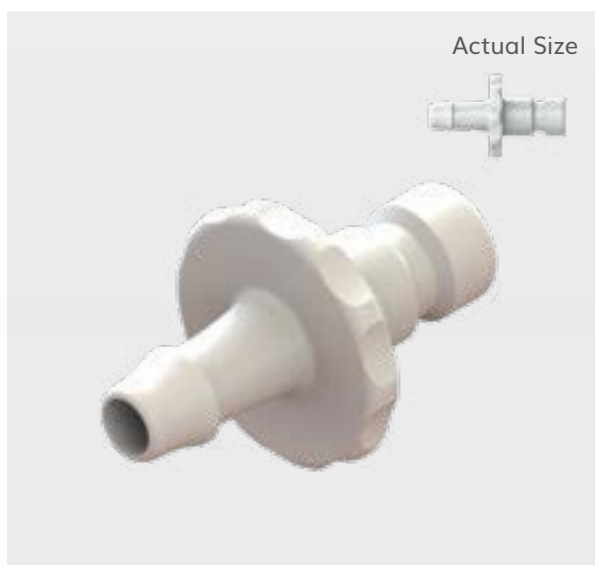
E-Q-160306 - 1/4 Turn White ABS Blood Pressure Plug Coupling (Wing Shroud), Buna-N Seal, 5/32" (4.0mm) ID Tube, Non-Valved

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/32" (4.0mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: ABS, Buna-N
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI; ISO 10993 Part 1 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: 1/4 turn Plug blood pressure cuff connector (wing shroud) to 5/32" (4.0mm) ID Hose Barb Fitting, White ABS.
BPA Free. DEHP Free.

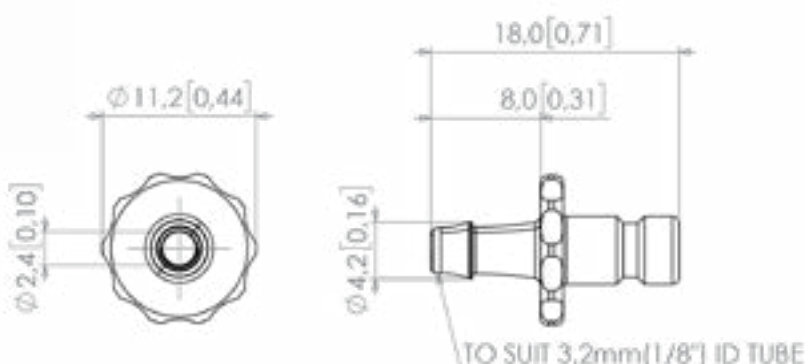


E-Q-160293 - ISO 80369-5 Blood Pressure Bayonet Style Plug Coupling, 1/8" (3.2mm) ID Tube, Non-Valved



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: 21 CFR 177.1550 FDA Approved; ISO 80369-5 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Blood Pressure Monitor Bayonet Connector to 1/8" (3.2mm) ID Hose Barbed Fitting, White Nylon. BPA Free. DEHP Free.

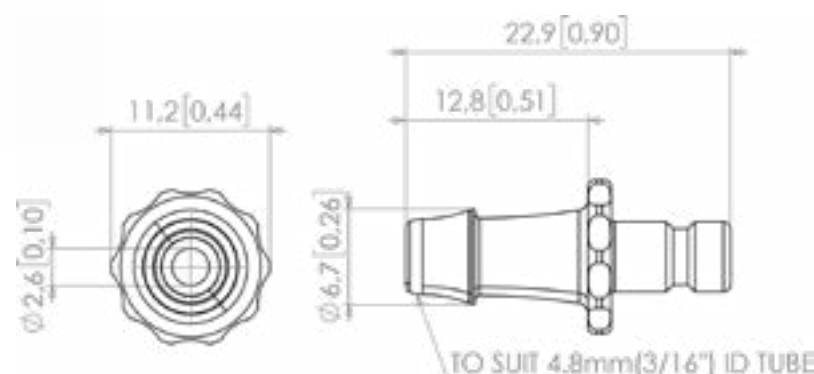


E-Q-160295 - ISO 80369-5 Blood Pressure Bayonet Style Plug Coupling, 3/16" (4.8mm) ID Tube, Non-Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 3/16" (4.8mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-Line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: 21 CFR 177.1550 FDA Approved; ISO 80369-5 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Blood Pressure Monitor Bayonet Connector to 3/16" ID Hose Barbed Fitting, White Nylon



E-Q-160290 - ABS Blood Pressure Bayonet Style Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved

Technical Data

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Plug Connector

Mounting Style: In-Line

Wetted Materials: ABS, Buna-N

Non-wetted Materials: ABS, Stainless Steel

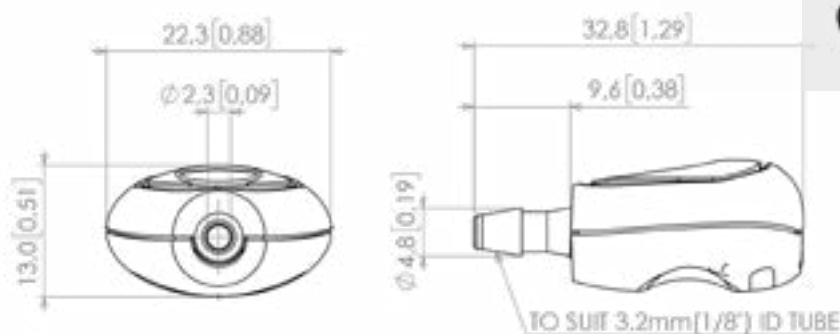
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI; ISO 10993 Part 1 Compliant

Cleanroom Manufactured: Class 8 Cleanroom

Other Technical Data: Bayonet Style Socket Quick Connect Fitting to 1/8" (3.2mm) Barb, Black ABS Housing. BPA Free. DEHP Free.



E-Q-160291 - ABS Blood Pressure Bayonet Style Socket Coupling, Buna-N Seal, 5/32" (4.0mm) ID Tube, Non-Valved

Technical Data

Connection 1: 5/32" (4.0mm) ID Tube

Connection 2: To mating Plug Connector

Mounting Style: In-Line

Wetted Materials: ABS, Buna-N

Non-wetted Materials: ABS, Stainless Steel

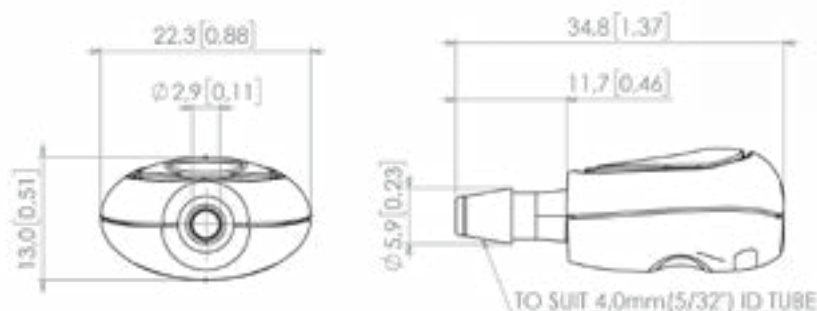
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI Certified; ISO 10993 Compliant

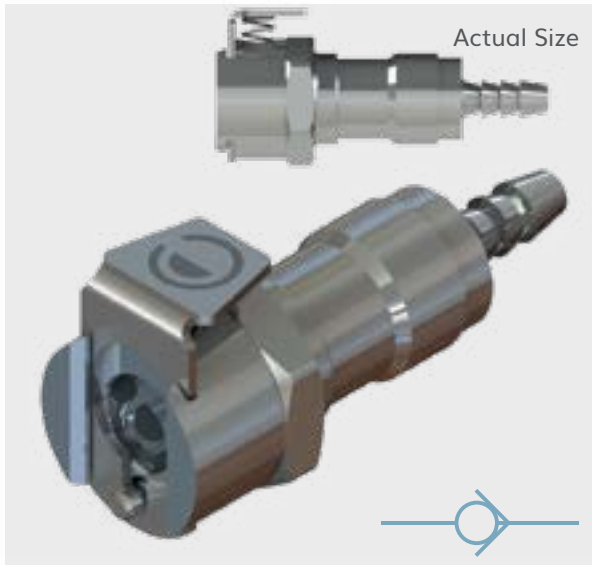
Cleanroom Manufactured: Class 8 Cleanroom

Other Technical Data: Bayonet Style Socket Quick Connect Fitting to 5/32" (4.0mm) Barb, Black ABS Housing. BPA Free. DEHP Free.



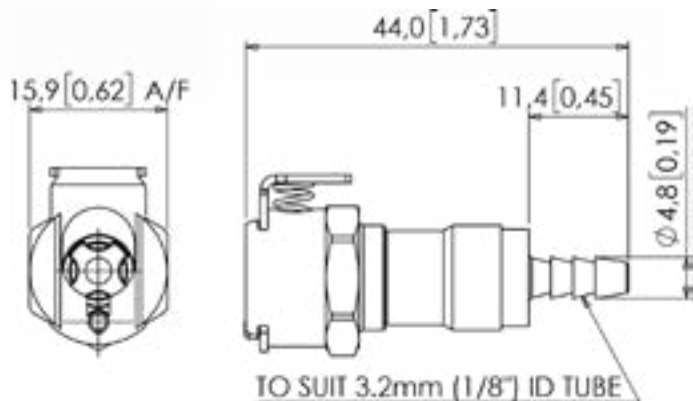
Q2 Series - 1/8" Flow

E-Q2V-SB-1-SS-V - 316 Stainless Steel Socket Coupling, Viton Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series



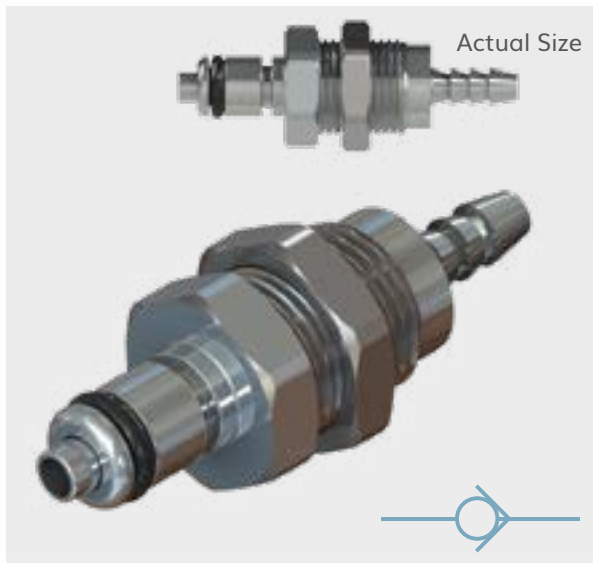
Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: To mating Q2 Plug Connector
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: 0°C to 71°C (32°F to 160°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



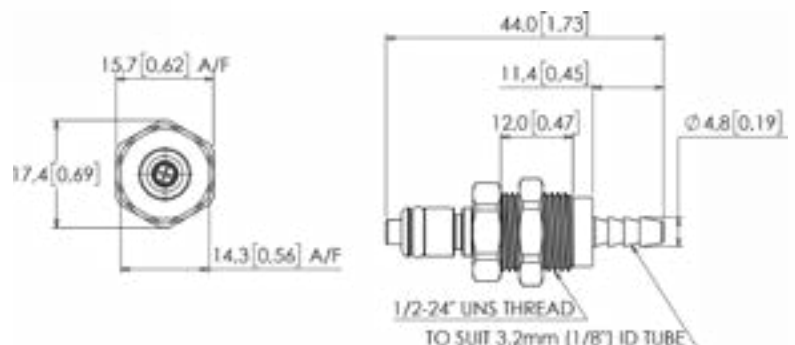
Connects with Q2 Series

E-Q2V-PPM-1-SS-V - 316 Stainless Steel Panel Mount Plug Coupling, Viton Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series



Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: To mating Q2 Plug Connector
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: 0°C to 71°C (32°F to 160°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q2 Series

Other sizes available in this range

E-Q2-PMN-SS - 316 Stainless Steel Q2 Series Panel Mount Nut, 1/2" - 24 UNS Thread

Technical Data

Connection 1: 1/2" - 24 UNS Thread

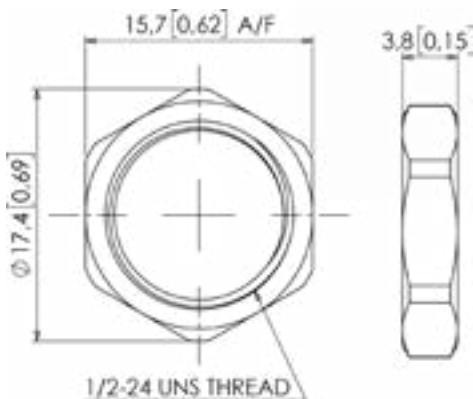
Mounting Style: Panel Mount

Wetted Materials: 316 Stainless Steel

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: A 316 Stainless Steel panel mount lock nut with 1/2" - 24 UNS thread and 5/8" hex body, designed for use with our Q2 series coupling

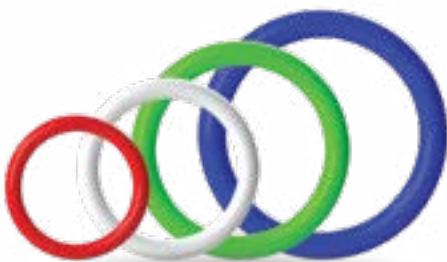


Connects with Q2 Series

Customise your EQC Series Coupling

Key features include:

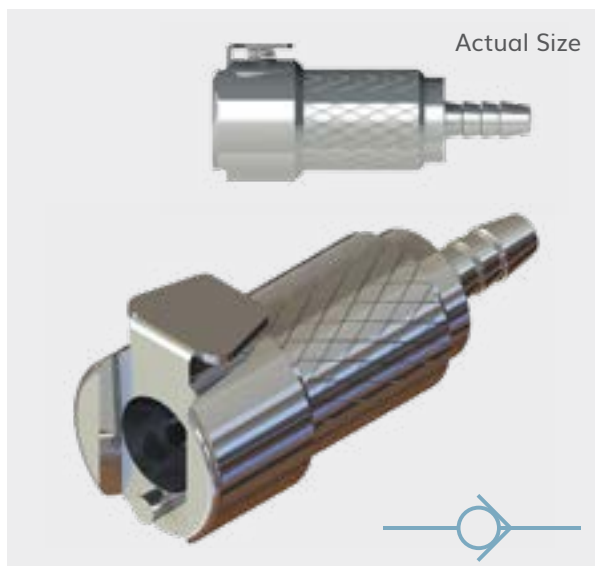
- 316 Stainless Steel Body
- 316 Stainless Steel Springs
- 316 Stainless Steel Poppet (valved option only)
- O-ring – Viton (Silicone, FKM, EPDM available on request)



O-rings - Available in various materials and colours



E-Q-160612 - Nickel Plated Brass Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series



Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Plug Connector

Mounting Style: In-Line

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

Non-wetted Materials: Nickel Plated, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

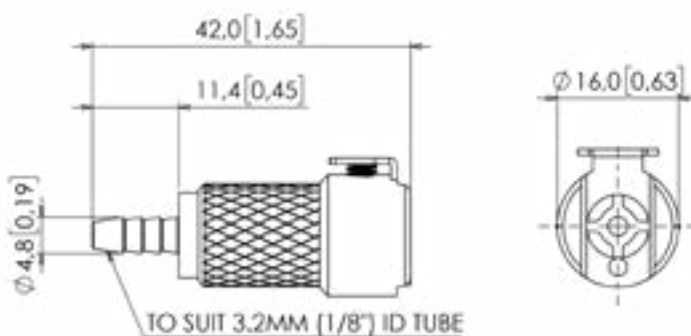
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



Connects with Q2 Series



More from this range



1/4"
In-Line
E-Q-160614



3/16"
In-Line
E-Q-160613

Interchangeable!

These products are guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.

E-Q-160600 - Nickel Plated Brass Panel Mount Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Plug Connector

Mounting Style: Panel Mount

Wetted Materials: Nickel Plated Brass

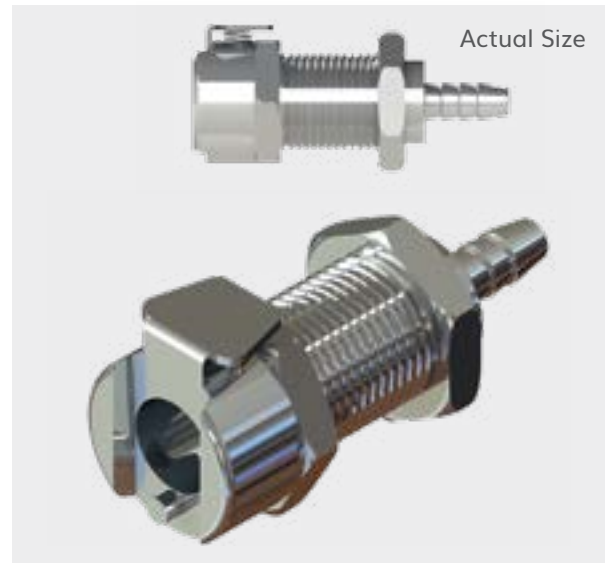
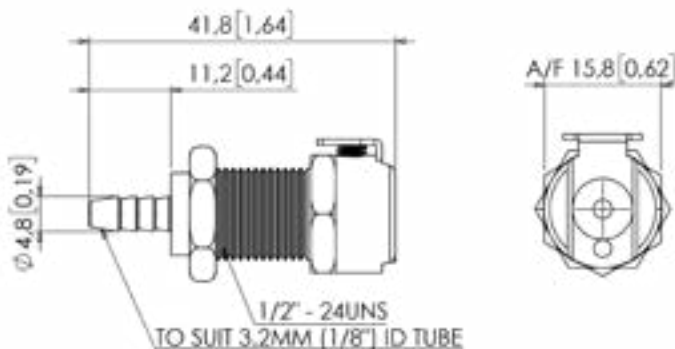
Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q2 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q2 Series

E-Q-160609 - Nickel Plated Brass Socket Coupling, Buna-N Seal, 1/8" BSPT Male Thread, Valved, 1/8" Flow - Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/8" BSPT Male Thread

Connection 2: To mating Q2 Plug Connector

Mounting Style: Threaded

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

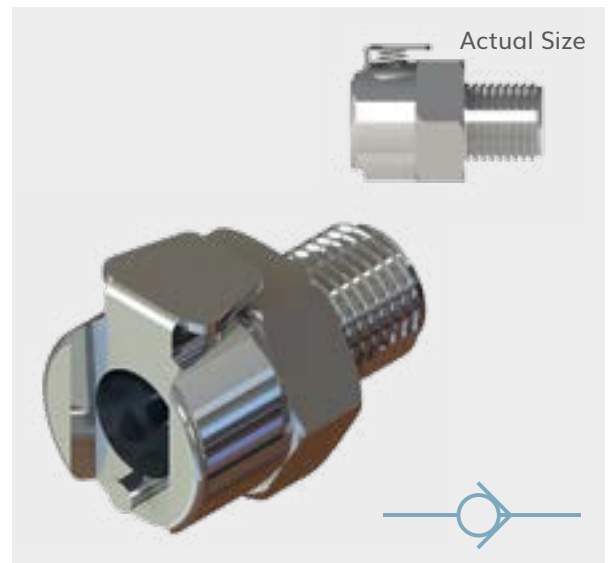
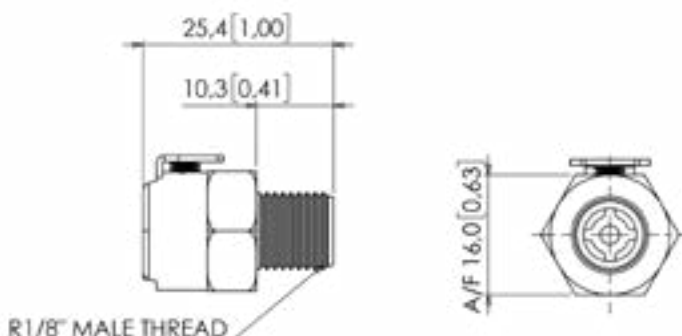
Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

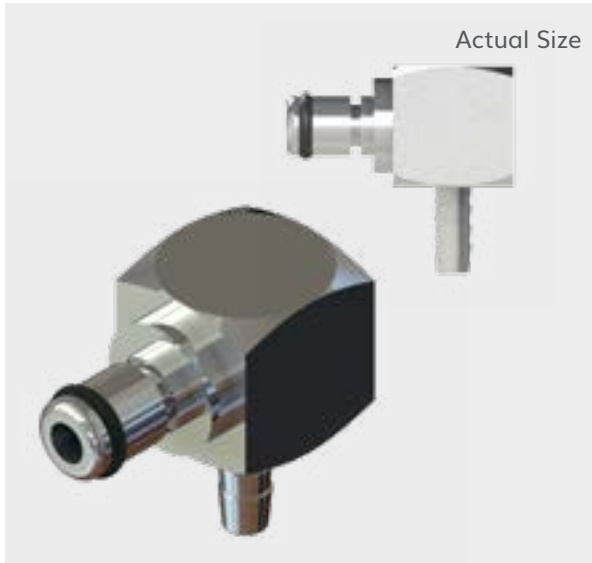
RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q2 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style, Suitable for bi-directional flow.



Connects with Q2 Series

E-Q-160632 - Nickel Plated Brass Elbow Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Socket Connector

Mounting Style: In-Line

Wetted Materials: Nickel Plated Brass, Buna-N

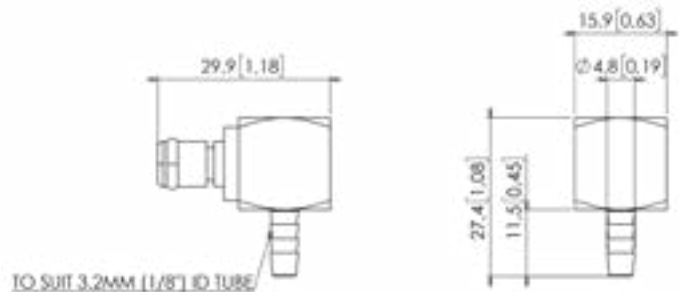
Non-wetted Materials: Nickel Plated Brass

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

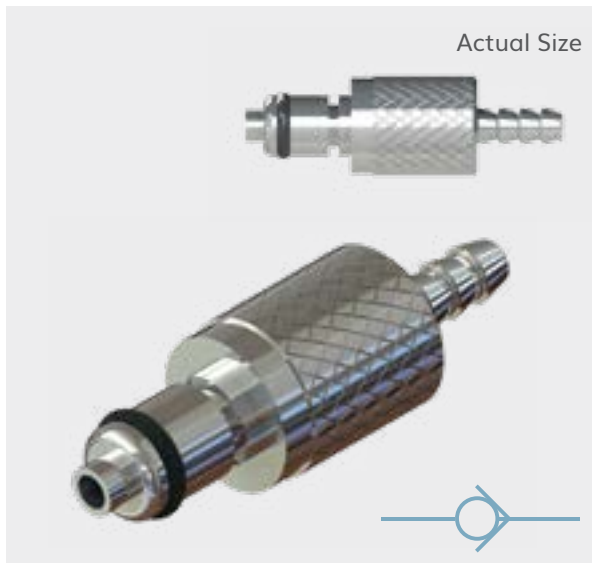
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q2 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



E-Q-160644 - Nickel Plated Brass Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series



Connects with Q2 Series

Other sizes available in this range

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Socket Connector

Mounting Style: In-Line

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

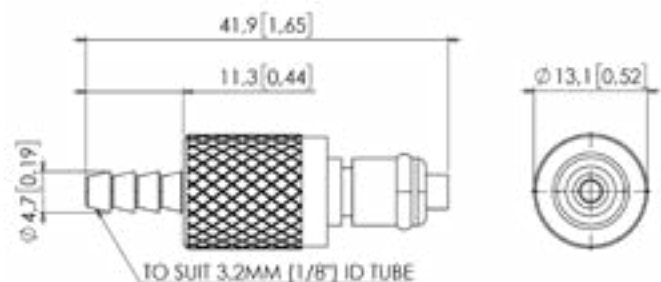
Non-wetted Materials: Nickel Plated Brass

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q2 Couplings. 1/8" flow size to 3.2mm (1/8") ID hose barb plug coupling in food grade Nickel Plated Brass, which is more durable and can withstand higher pressure than its plastic equivalent.



E-Q-160647 - Nickel Plated Brass Panel Mount Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: To mating Q2 Socket Connector

Mounting Style: Panel Mount

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

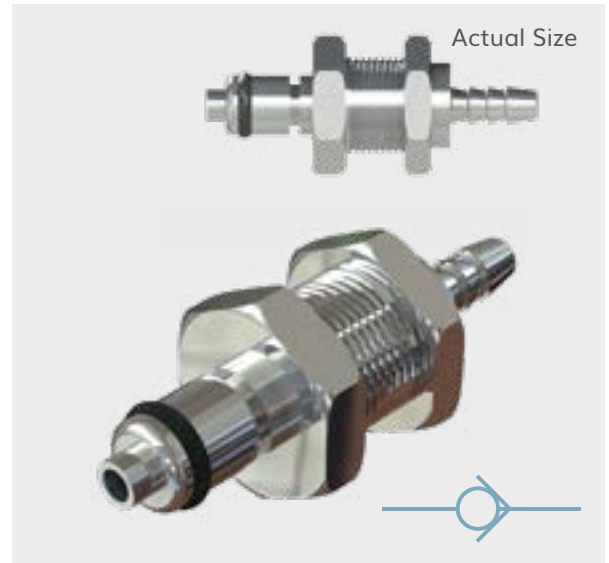
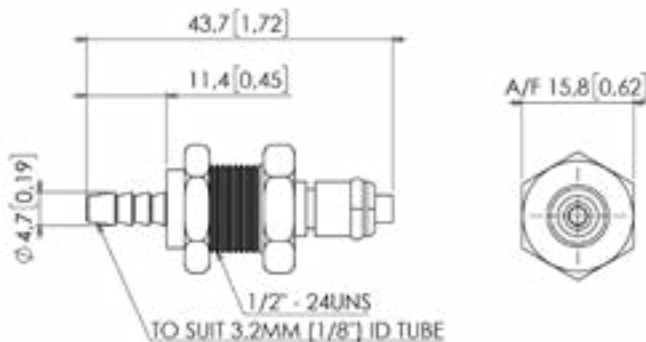
Non-wetted Materials: Nickel Plated Brass

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q2 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q2 Series

E-Q-160649 - Nickel Plated Brass Panel Mount Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/8" Flow - Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" (6.4mm) ID Tube

Connection 2: To mating Q2 Socket Connector

Mounting Style: Panel Mount

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

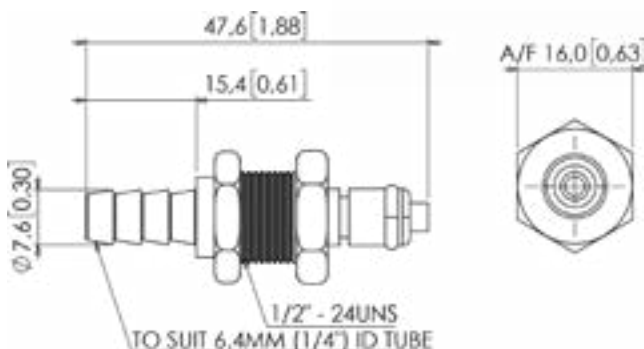
Non-wetted Materials: Nickel Plated Brass

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

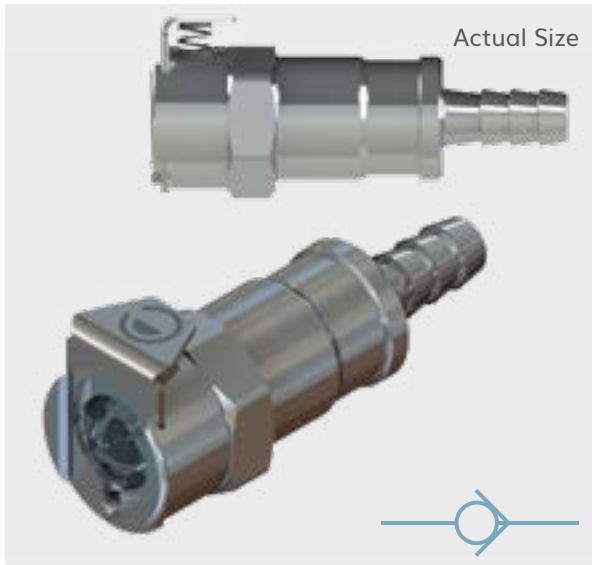
Other Technical Data: Connects with other Q2 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q2 Series

Q4 Series - 1/4" Flow

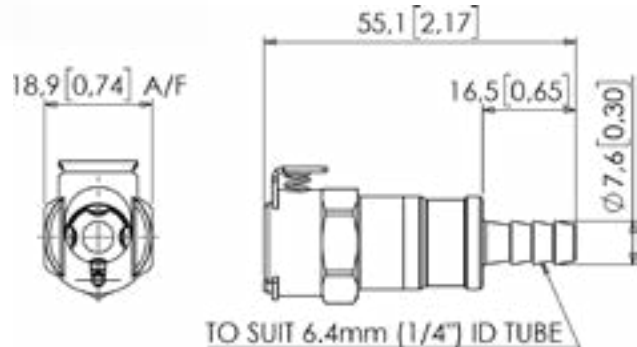
E-Q4V-SB-3-SS-V - 316 Stainless Steel Socket Coupling, Viton Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series



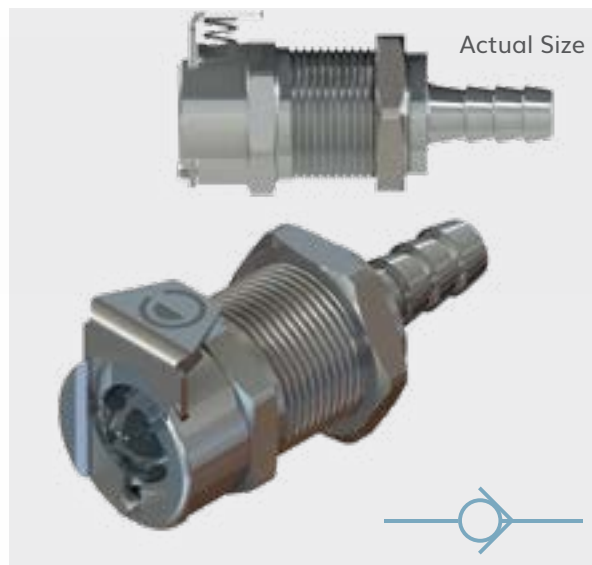
Connects with Q4 Series
Excellent chemical resistance

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: To mating Q4 Plug Connector
Connection 2: 1/4" (6.4mm) ID Tube
Mounting Style: In-Line
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: 0°C to 71°C (32°F to 160°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. Excellent chemical resistance. This product is interchangeable with other thumb-latch quick release couplings of the same size and style, or if not will be replaced or refunded. Nut is included.



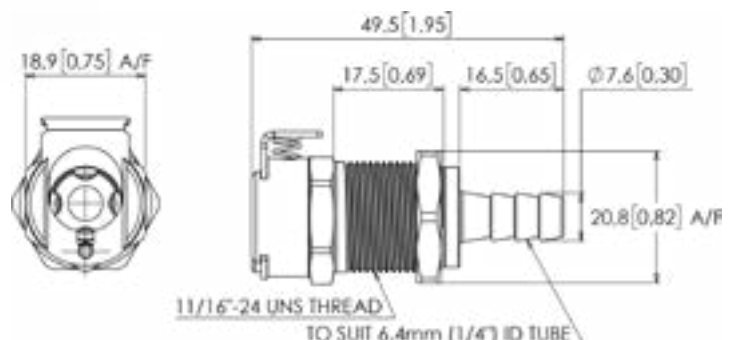
E-Q4V-SPM-3-SS-V - 316 Stainless Steel Panel Mount Socket Coupling, Viton Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series



Connects with Q4 Series

Technical Data

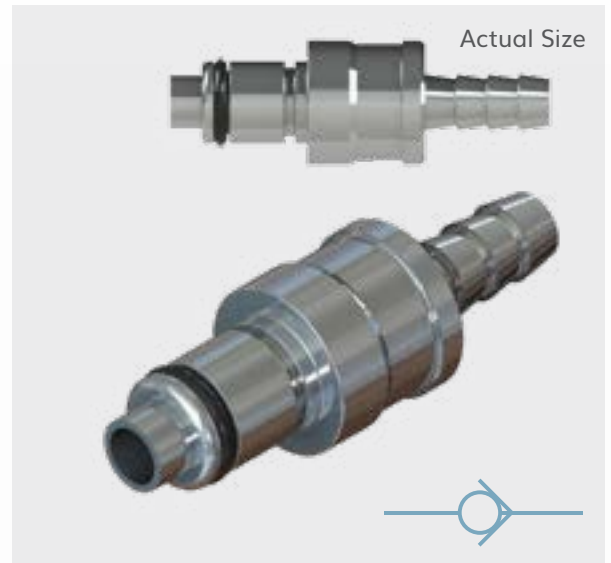
Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: To mating Q4 Plug Connector
Connection 2: 1/4" (6.4mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: 0°C to 71°C (32°F to 160°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. Excellent chemical resistance. This product is interchangeable with other thumb-latch quick release couplings of the same size and style, or if not will be replaced or refunded. Suitable for bi-directional flow. EPDM/Silicone seal available.



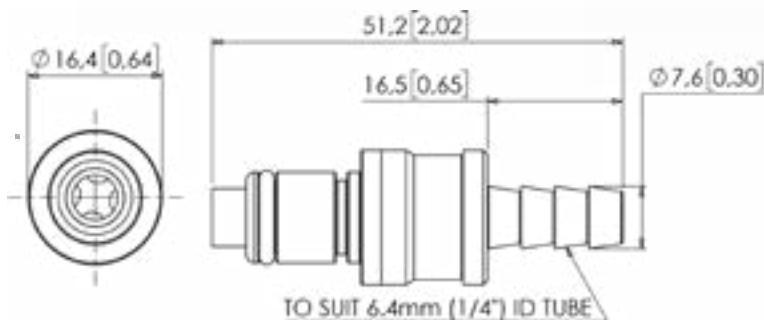
E-Q4V-PB-3-SS-V- 316 Stainless Steel Plug Coupling, Viton Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: To mating Q4 Socket Connector
Connection 2: 1/4" (6.4mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: 0°C to 71°C (32°F to 160°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. Excellent chemical resistance. This product is interchangeable with other thumb-latch quick release couplings of the same size and style, or if not will be replaced or refunded. Nut is included. Suitable for bi-directional flow. EPDM/Silicone seal available.



Connects with Q4 Series



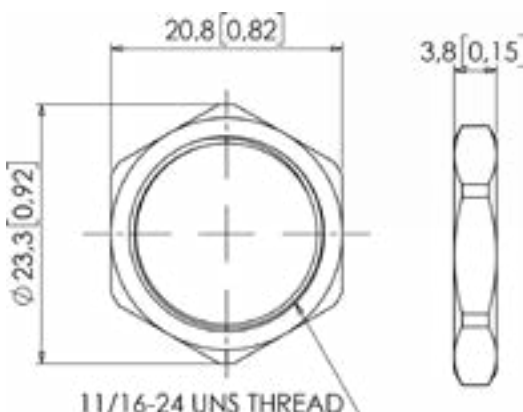
E-Q4-PMN-SS - 316 Stainless Steel Q4 Series Panel Mount Nut, 11/16" - 24 UNS Thread

Technical Data

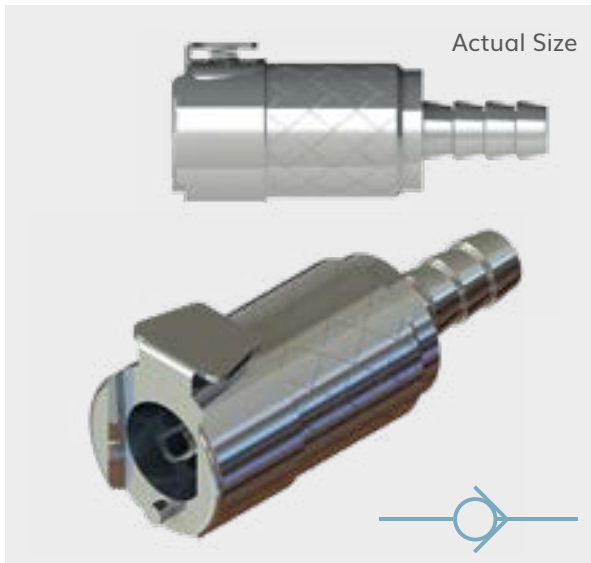
Connection 1: 11/16" - 24 UNS Thread
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel
RoHS/REACH Compliant: Yes
Other Technical Data: A 316 Stainless Steel panel mount lock nut with 1/2" - 24 UNS thread and 5/8" hex body, designed for use with our Q2 series coupling.



Connects with Q4 Series



E-Q-160667 - Nickel Plated Brass Socket Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series



Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" (6.4mm) ID Tube

Connection 2: To mating Q4 Plug Connector

Mounting Style: In-Line

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

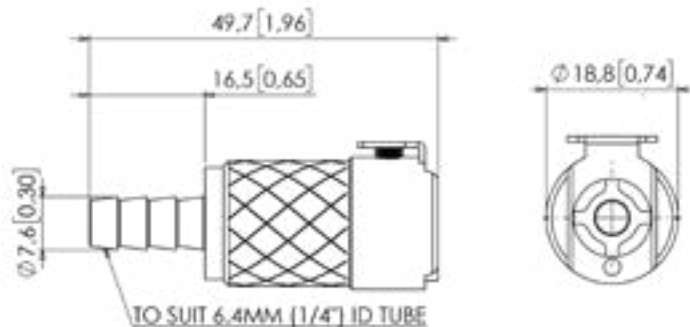
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

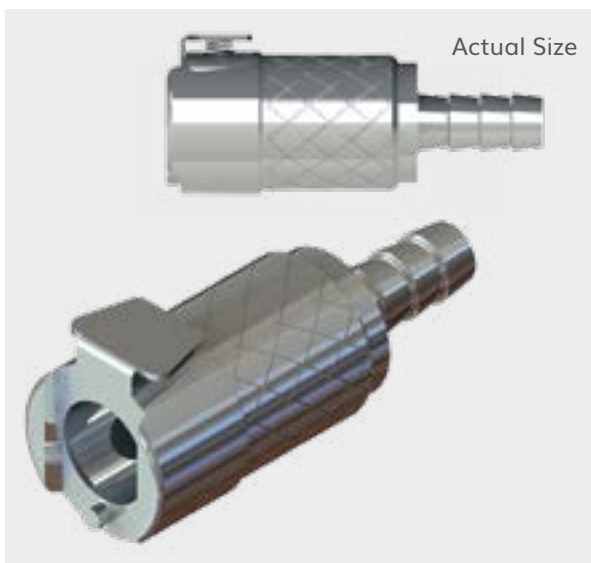
Other Technical Data: Connects with other Q4 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Nut is included. Suitable for bi-directional flow.



Connects with Q4 Series



E-Q-160659 - Nickel Plated Brass Socket Coupling, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series



Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" (6.4mm) ID Tube

Connection 2: To mating Q4 Plug Connector

Mounting Style: In-Line

Wetted Materials: Nickel Plated Brass

Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

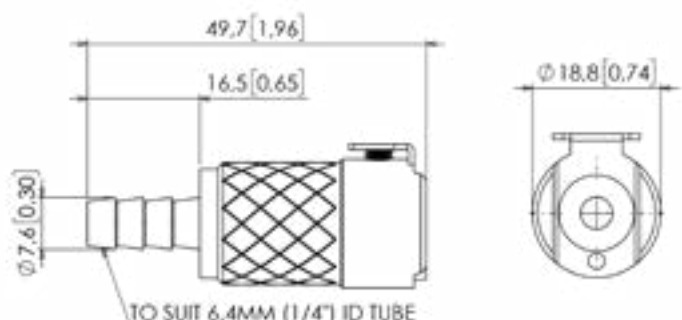
Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q4 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q4 Series



E-Q-160666 - Nickel Plated Brass Socket Coupling, Buna-N Seal, 1/4" BSPT Male Thread, Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" BSPT Male Thread

Connection 2: To mating Q4 Plug Connector

Mounting Style: Threaded

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

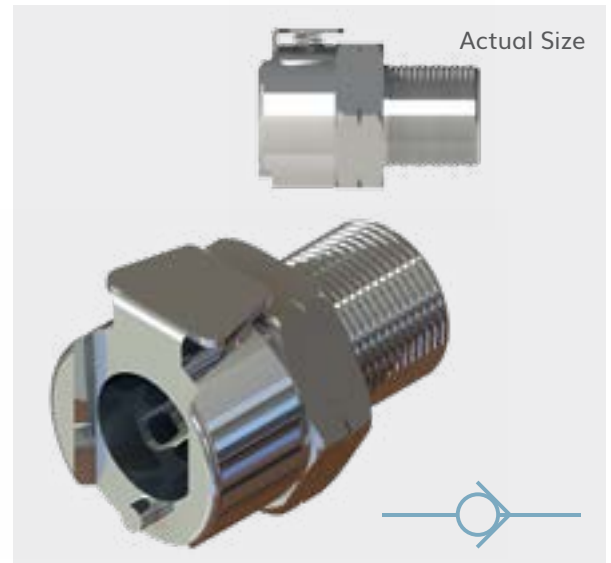
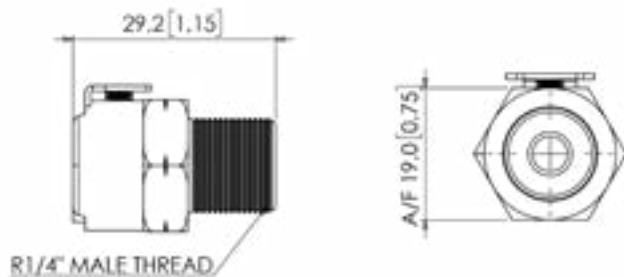
Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q4 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q4 Series

E-Q-160658 - Nickel Plated Brass Socket Coupling, 1/4" BSPT Male Thread, Non-Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" BSPT Male Thread

Connection 2: To mating Q4 Plug Connector

Mounting Style: Threaded

Wetted Materials: Nickel Plated Brass

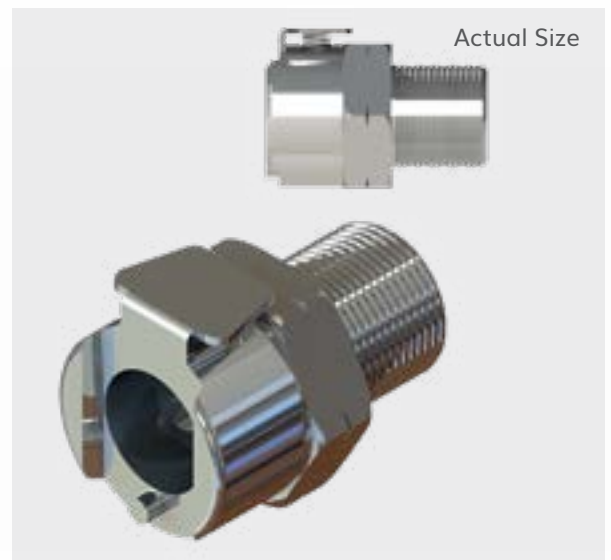
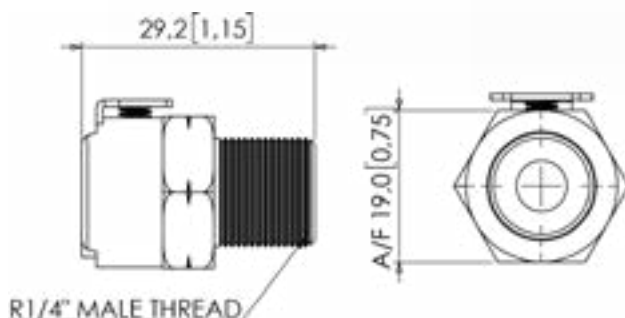
Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

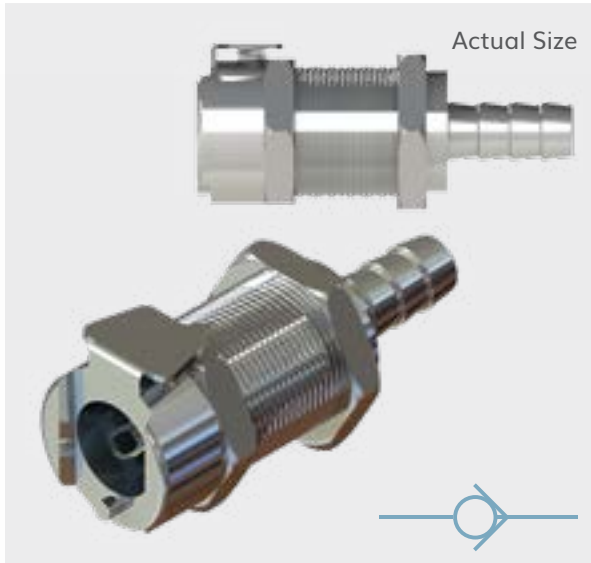
RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q4 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q4 Series

E-Q-160668 - Nickel Plated Brass Panel Mount Socket Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series



Connects with Q4 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" (6.4mm) ID Tube

Connection 2: To mating Q4 Plug Connector

Mounting Style: Panel Mount

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

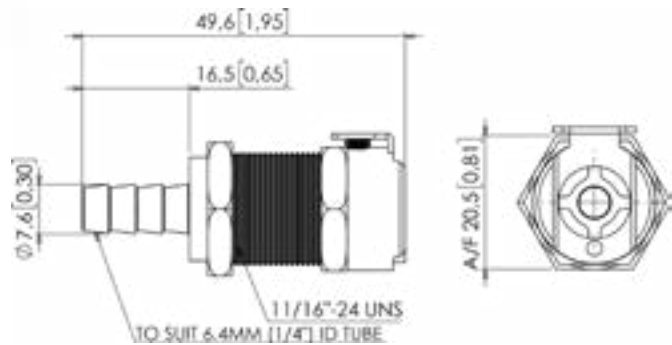
Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Connects with other Q4 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



E-Q-160684 - Nickel Plated Brass Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series



Connects with Q4 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)

Connection 1: 1/4" (6.4mm) ID Tube

Connection 2: To mating Q4 Socket Connector

Mounting Style: In-Line

Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel

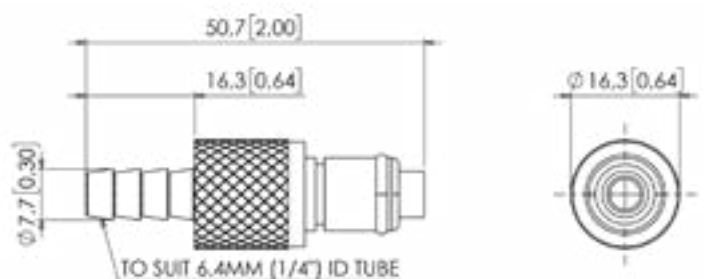
Non-wetted Materials: Nickel Plated Brass

Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

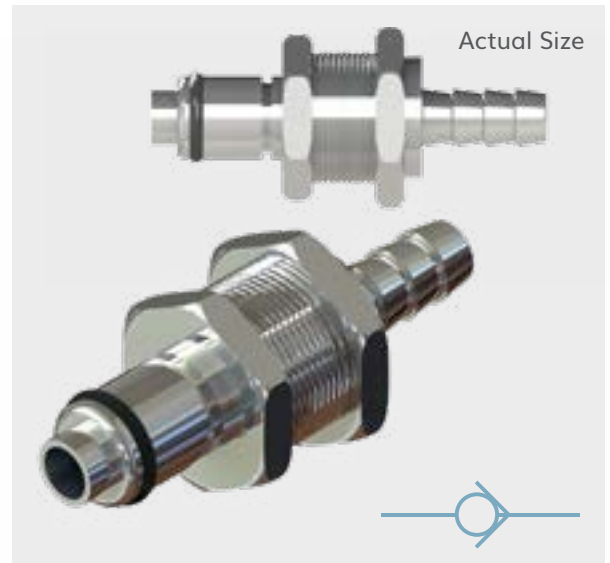
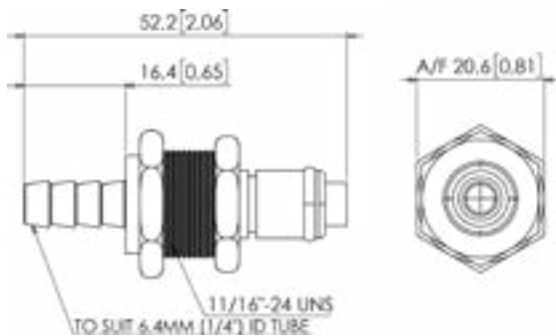
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.



E-Q-160685 - Nickel Plated Brass Panel Mount Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: Panel Mount
Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style. Suitable for bi-directional flow.

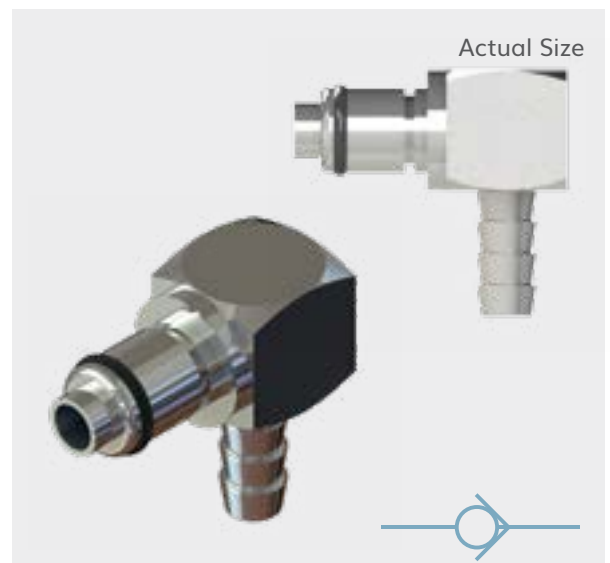
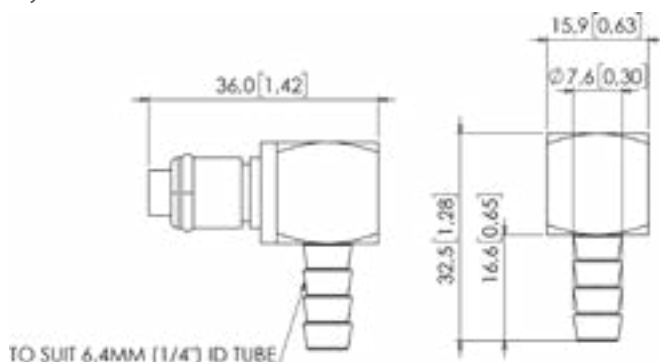


Connects with Q4 Series

E-Q-160686 - Nickel Plated Brass Elbow Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

Technical Data

Max. Inlet Pressure: 17.3 bar (250 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-Line
Wetted Materials: Nickel Plated Brass, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb-latch quick release couplings of the same size and style.



Connects with Q4 Series

Multiple Bulkhead

E-Q-160242 - 4 Line Aluminium Coupling Set, Buna-N Seal, 1/8" (3.2mm) OD Push-In Fitting, Non-Valved



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)

Connections: 1/8" (3.2mm) OD Push-in Fitting x4

Mounting Style: Panel Mount

Wetted Materials: Anodize Aluminium, Buna-N, Nickel Plated Brass, Brass

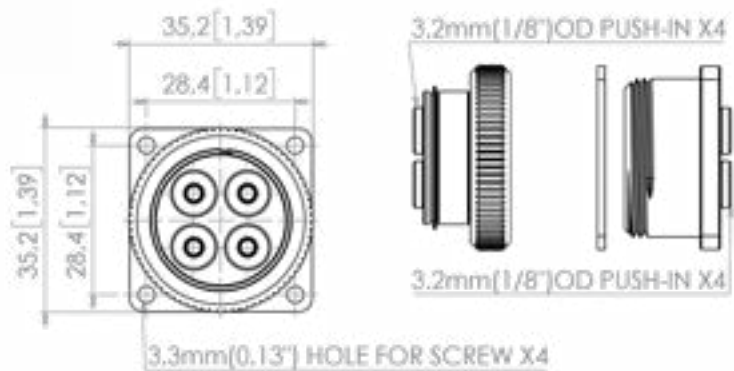
Non-wetted Materials: Anodize Aluminium, EPDM

Media/Ambient Temperature: -40°C to 125°C (-40°F to 257°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Comprising of separate plug and socket connectors. 4 way port configuration, 1/8" (3.2mm) OD push-in fittings. These bulkhead connectors are open flow only.



Also available - E-Q-160246
5/32" OD

More from this range

1/8" OD



10 Line
E-Q-160243



12 Line
E-Q-160244



19 Line
E-Q-160245

5/32" OD



10 Line
E-Q-160247



12 Line
E-Q-160248



19 Line
E-Q-160249

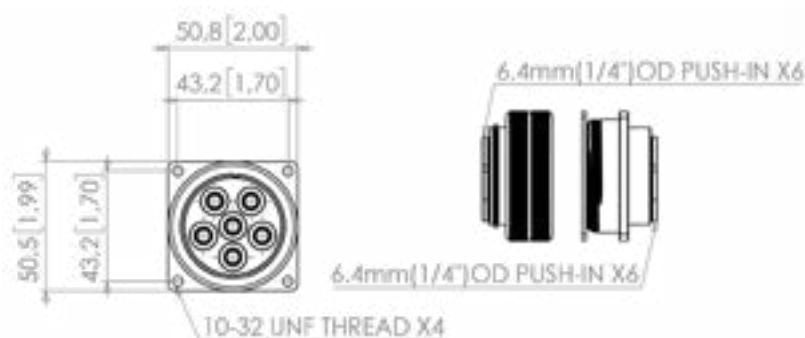


24 Line
E-Q-160250

E-Q-160251 - 6 Line Aluminium Coupling Set, Buna-N Seal, 1/4" (6.4mm) OD Push-In Fitting, Non-Valved

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/4" (6.4mm) OD Push-in Fitting x6
Mounting Style: Panel Mount
Wetted Materials: Anodize Aluminium, Buna-N, Nickel Plated Brass, Brass
Non-wetted Materials: Anodize Aluminium, EPDM
Media/Ambient Temperature: -40°C to 125°C (-40°F to 257°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Comprising of separate plug and socket connectors. 6 way port configuration, 1/4" (6.4 mm) OD push-in fittings. These bulkhead connectors are open flow only.



More from this range



8 Line
E-Q-160252



12 Line
E-Q-160253



19 Line
E-Q-160254



22 Line
E-Q-160255

Want a Different Colour?

We can offer these couplings in multiple colours - MOQ applies



See Our Full Range of Couplings

Q3 Series -1/8" Flow - Available in Acetal



Q4 Series -1/8" Flow - Available in Acetal and Polypropylene



Q5 Series -1/4" Flow - Available in Acetal and Polypropylene



Q6 Series -3/8" Flow - Available in Acetal and Polypropylene



Visit our full range of couplings



Sliding Latch - Polypropylene and Nylon



EQC Series - multiple options available



Sliding Collar - Plated Brass and Stainless Steel



Screw Type - Brass



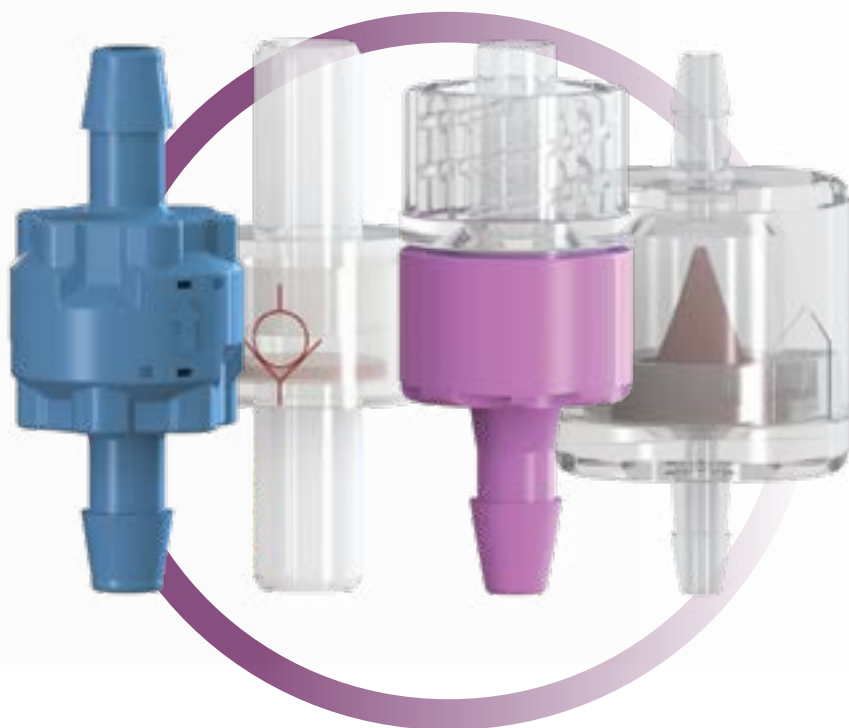
If you can't find what you are looking for contact sales@eoxshop.com or call **+44 (0)2392 266031**

Check Valves

Because of their simple design, check valves generally operate without automation or human interaction and instead rely on the flow velocity (upstream pressure) of the liquid or gas to open and close.

Eox's range of check valves is fully adaptable to your application, coming in a range of variations, end connections (including push-in and barbed), cracking pressures and material options.

Eox offers a custom, build-your-own check valve service that enables you to build a component to the specification that your application requires. This includes selecting the inlet, outlet, cracking pressure, O-ring material, size and colour to create your very own, specialist valve.



Key Features Include:

- Compact design
- Custom configurations
- RoHS and REACH compliant
- Cost-effective options
- Practical and easy to use

Typical Applications:

- Bioprocessing
- Pressure/Wound Care
- Ophthalmic
- Cardiac



Modular & Cartridge

Modular check valves are available in a variety of different specifications including a range of connections - barb, push-in and BSPP female thread.

Page 143-146



Diaphragm & Floating Disc

Key features of this range include positive seal, corrosion resistant and variable opening pressure through seat thickness.

Page 147-155



Duckbill

Duckbill valves are unique, one-piece, elastomeric components that act as backflow-prevention devices, one-way valves or check valves.

Page 158



Build Your Own

Visit our website via the QR code to build your own check valve.

Page 159



Poppet & Ball

These valves provide positive sealing at pressures below the cracking pressure of the valve. These valves are usually designed to be normally-closed.

Page 161-166

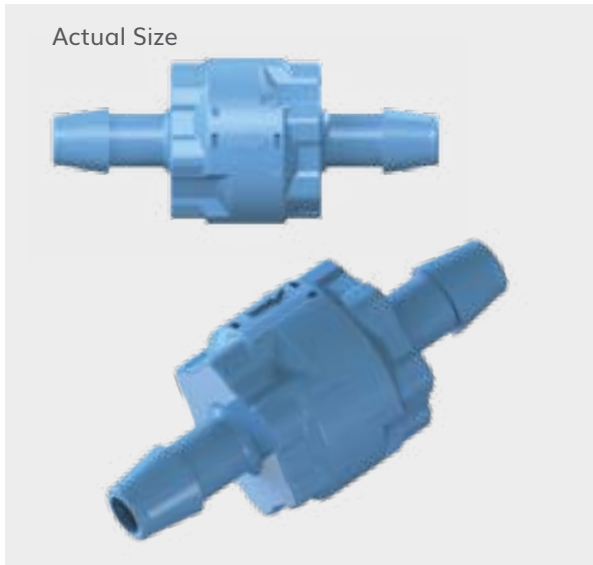
Material Options:

- Polypropylene
- Polycarbonate
- ABS
- Acrylic
- Brass

Modular

E-C58-PG-1EB1EB-N0.5 - Modular Blue Check Valve, 1/4" (6.4mm) Barb Input and Output, Nitrile Seals, Cracking Pressure 0.5 psi

Actual Size



Technical Data

Max. Inlet Pressure: 7 bar (100 psi)

Connections: 1/4" (6.4mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Glass Filled Polypropylene, Polypropylene, Buna-N, 302 Stainless Steel

Non-wetted Materials: Glass Filled Polypropylene

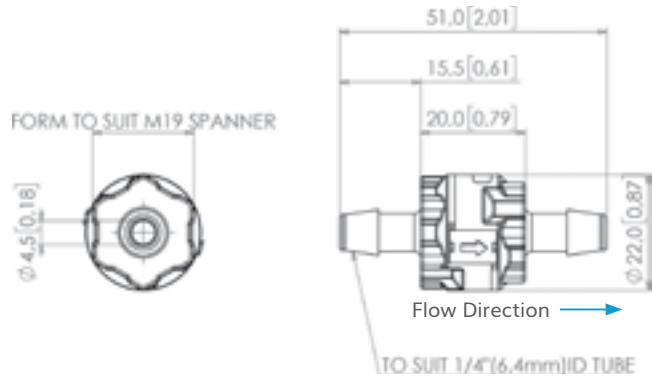
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: FDA 21 CFR 177.1520 and 177.1500

Other Technical Data: This check valve is a form of poppet and is generally used in a pneumatic circuit, which requires free flow in one direction, indicated with an arrow on the check valve, and no flow in the opposite direction.



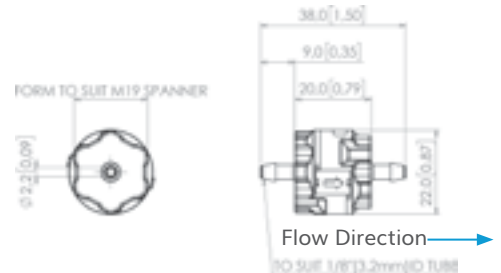
More from this range

Also available:

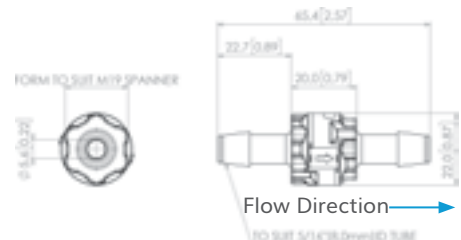
- Natural or Red
- Other Sizes: 1/8", 5/16" & 3/8"
- Cracking Pressures: 0.1, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5 & 10 psi
- O-ring Materials: Nitrile, EPDM, Viton & Silicone



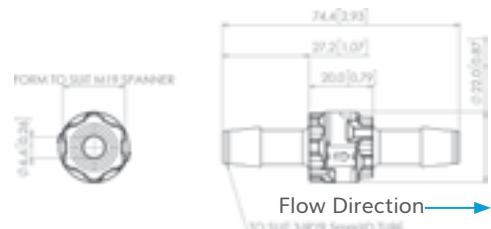
1/8"



5/16"



3/8"



E-C58-PG-2EB2EB-N0.5 - Modular Polypropylene Blue Bodied Check Valve, 1/4" (6.4mm) Push-In Input and Output, Nitrile Seals, Cracking Pressure 0.5 psi

Technical Data

Max. Inlet Pressure: 7 bar (100 psi)

Connections: Push-In Fitting 1/4" (6.4mm) OD tube

Mounting Style: In-Line

Wetted Materials: Glass Filled Polypropylene, Polypropylene, Buna-N, 302 Stainless Steel

Non-wetted Materials: Glass Filled Polypropylene

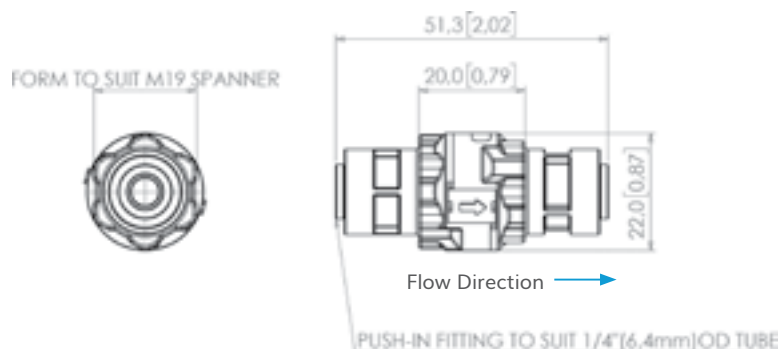
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: FDA 21 CFR 177.1520 and 177.1500

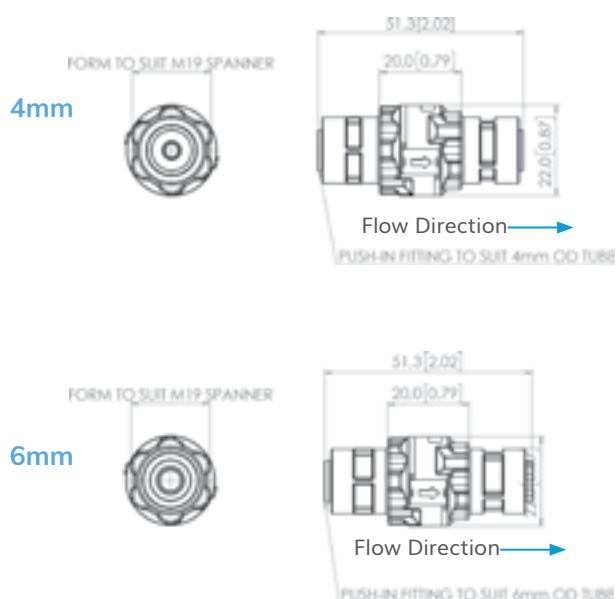
Other Technical Data: This check valve is a form of poppet and is generally used in a pneumatic circuit, which requires free flow in one direction, indicated with an arrow on the check valve, and no flow in the opposite direction.



More from this range

Also available:

- Natural or Red
- Other Sizes: 4mm & 6mm
- Cracking Pressures: 0.1, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5 & 10 psi
- O-ring Materials: Nitrile, EPDM, Viton & Silicone



E-C58-PG-3CB3CB-N0.5 - Modular Polypropylene Blue Check Valve, 1/8" BSPP Female Input and Output, Nitrile Seals, Cracking Pressure 0.5 psi

Actual Size



Technical Data

Max. Inlet Pressure: 7 bar (100 psi)

Connections: G1/8" Female Thread

Mounting Style: In-Line

Wetted Materials: Glass Filled Polypropylene, Polypropylene, Buna-N, 302 Stainless Steel

Non-wetted Materials: Glass Filled Polypropylene

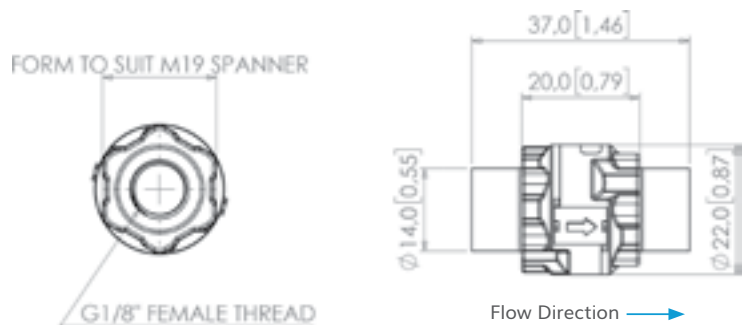
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: FDA 21 CFR 177.1520 and 177.1500

Other Technical Data: This check valve is a form of poppet and is generally used in a pneumatic circuit, which requires Free flow in one direction, indicated with an arrow on the check valve, and no flow in the opposite direction.



More from this range



Also available:

- Natural or Red
- Cracking Pressures: 0.1, 0.5, 1, 1.5, 2, 2.5, 3, 4, 5 & 10 psi
- O-ring Materials: Nitrile, EPDM, Viton & Silicone
- Contact us for spring rating options

Mix 'n' match inlet & outlet options!

E-CC58-PP-N0.5 - Polypropylene Cartridge for Modular Check Valve, Nitrile Seals, Cracking Pressure 0.5 psi

Technical Data

Max. Inlet Pressure: 5 bar (75 psi)

Mounting Style: In-Line

Wetted Materials: Polypropylene, Buna-N, 302 Stainless Steel

Non-wetted Materials: Polypropylene

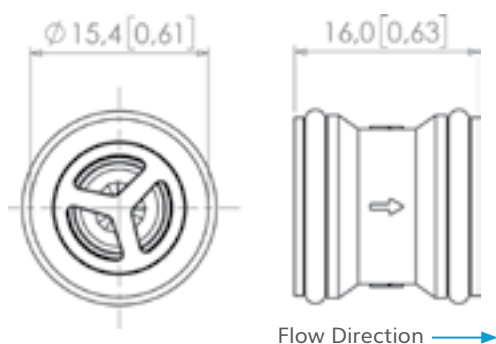
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: FDA CFR21

Other Technical Data: Compatible with clean air. Easy to use cartridge for manifold assembly. Mixed imperial and metric combinations. Easy to take apart for R&D purposes. Multiple spring and O-ring options



Additional cracking pressures

0.1, 0.5, 1, 2, 3, 4, 5 & 10 psi

More Check Valve Cartridges



E-C-200006 - 1/4" OD Cartridge Check Valve, Nylon Body, Buna-N seal, Cracking Pressure 1 psi

Technical Data

Max. Inlet Pressure: 1.72 bar (25 psi)

Mounting Style: In-Line

Wetted Materials: Nylon, Buna-N, 302 Stainless Steel

Non-wetted Materials: Nylon

Flow Coefficient (Cv): 0.65

RoHS/REACH Compliant: Yes



E-C-200007
1/4" - 0.5 psi



E-C-190046
3/8" - 0.5 psi

Diaphragm & Floating Disc

E-C-180022 - Polysulfone Bodied Check Valve, (Black Housing), Internal Silicone Disc, 10-32 UNF Female Thread, Cracking Pressure < 10" H₂O



Technical Data

Max. Inlet Pressure: 5.17 bar (75 psi)

Connections: 10-32 UNF Female Thread

Mounting Style: Threaded

Wetted Materials: Polysulfone, Silicone

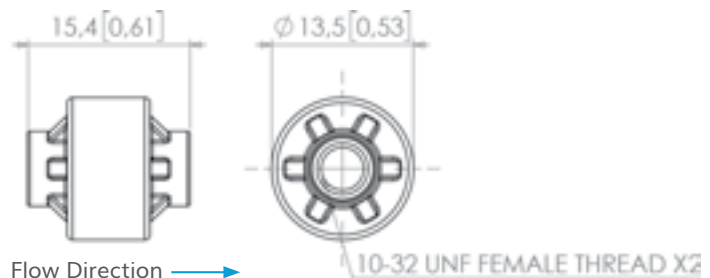
Non-wetted Materials: Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

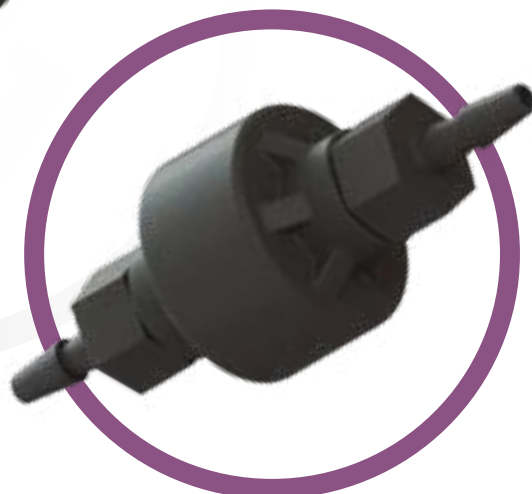
Other Technical Data: Designed to have a low cracking pressure and a minimum differential for forward flow. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 56.6 LPM (2 SCFM).



Housing - Also Available:



E-C-180015
1/8" (3.2mm) ID Tube

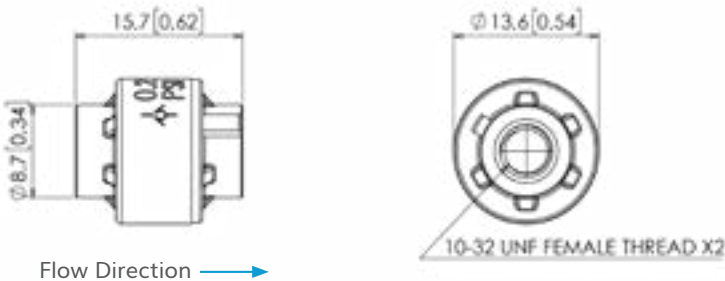


E-C-180018
1/16" (1.6mm) ID Tube

E-C-230005 - Black Polysulfone Check Valve, 10-32 UNF Female Thread, Cracking Pressure 0.2 psi

Technical Data

Max. Inlet Pressure: 5.2 bar (75 psi)
Connections: 10-32 UNF Female Thread
Mounting Style: Threaded
Flow Rate: 2 SCFM
Wetted Materials: Polysulfone, Silicone, Stainless Steel
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Other Technical Data: A black Polysulfone bodied check valve with an internal Silicone diaphragm, Stainless Steel spring and 10-32 UNF female thread (x2) connection. Cracking pressure of 0.2 psi.



More from this range



10-32 UNF Female Thread, 0.5psi
E-C-230006



10-32 UNF Female Thread, 4psi
E-C-230008



10-32 UNF Female Thread, 5psi
E-C-2015-0001



10-32 UNF Female Thread, 6psi
E-C-230010

E-C-180014 - Polysulfone Bodied Check Valve, (Blue Symbol), Internal Silicone Disc, 1/8" (3.2mm) ID Tube, Cracking Pressure < 0.8" H₂O



Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polysulfone, Silicone

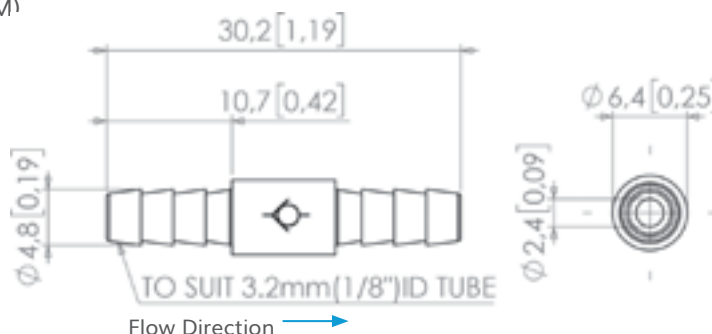
Non-wetted Materials: Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: A miniature In-Line Polysulfone bodied check valve with an internal Silicone disc. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 3.4 LPM (0.12 SCFM)



E-C-180013 - Polysulfone Bodied Check Valve, (Orange Symbol), Internal Celcon Disc, 1/8" (3.2mm) ID Tube, Cracking Pressure < 0.8" H₂O



Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polysulfone, Celcon

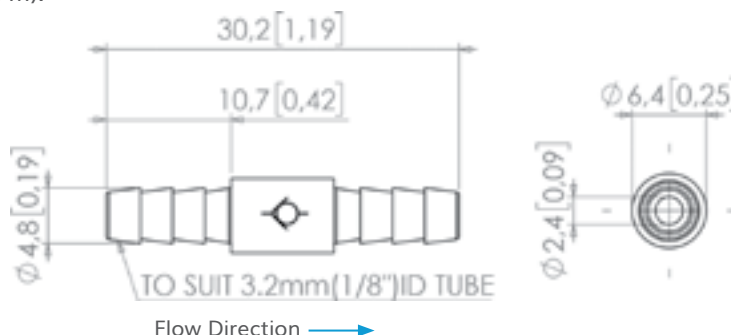
Non-wetted Materials: Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Designed to have a low cracking pressure and a minimum differential for forward flow. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 3.4 LPM (0.12 SCFM).



E-C-180017 - Polysulfone Bodied Check Valve, (Blue Symbol), Internal Silicone Disc, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.8" H₂O

Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polysulfone, Silicone

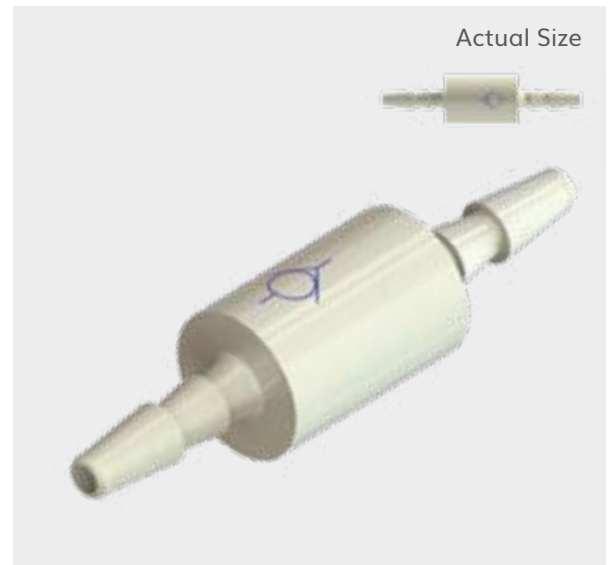
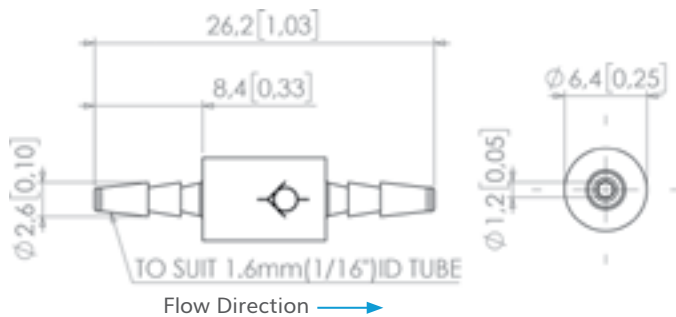
Non-wetted Materials: Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Designed to have a low cracking pressure and a minimum differential for forward flow. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 3.4 LPM (0.12 SCFM)



E-C-180016 - Polysulfone Bodied Check Valve, (Orange Symbol), Internal Celcon Disc, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.8" H₂O

Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polysulfone, Celcon

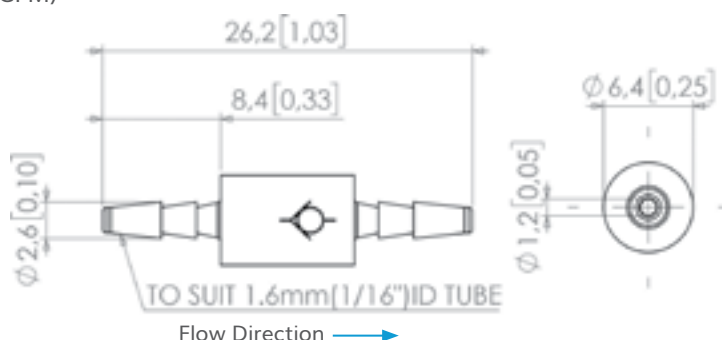
Non-wetted Materials: Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Designed to have a low cracking pressure and a minimum differential for forward flow. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 3.4 LPM (0.12 SCFM)



E-C-180019 - Polypropylene Bodied Check Valve, (Red Symbol), Internal Silicone Disc, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.8" H₂O



Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polypropylene, Silicone

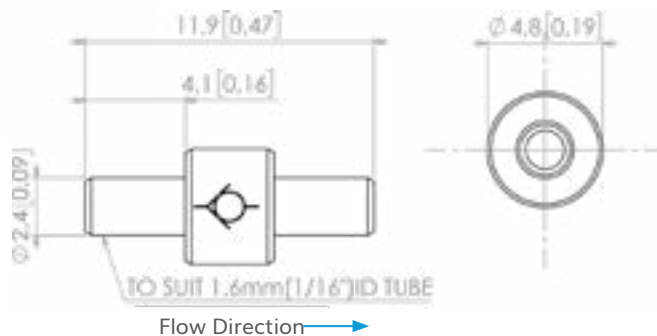
Non-wetted Materials: Polypropylene

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

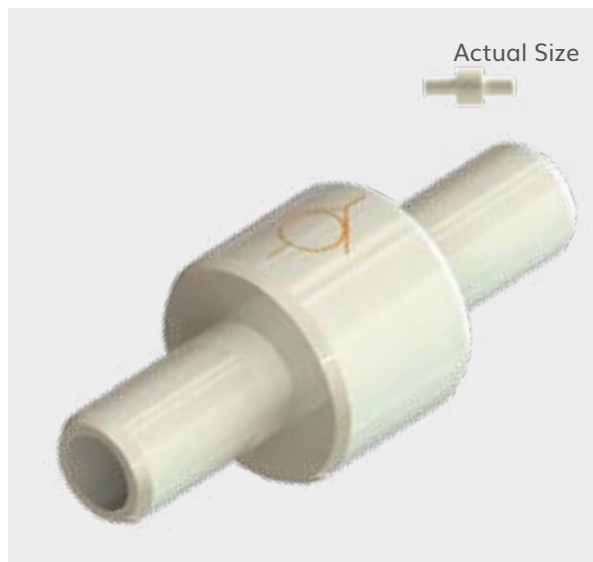
RoHS/REACH Compliant: Yes

Other Technical Data: Designed to have a low cracking pressure and a minimum differential for forward flow. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 3.4 LPM (0.12 SCFM).



Also available - E-C-180021
1/16" Polysulfone

E-C-180020 - Polysulfone Bodied Check Valve, (Orange Symbol), Internal Celcon Disc, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.8" H₂O



Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polysulfone, Celcon

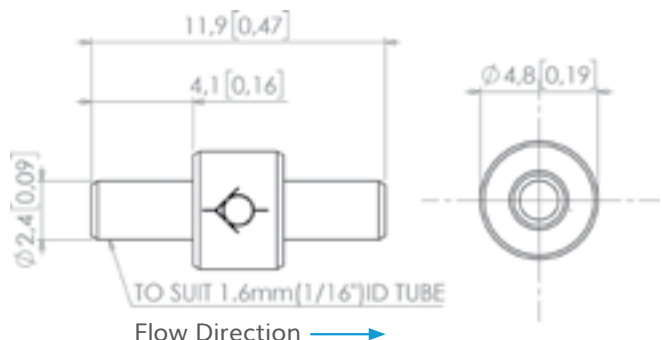
Non-wetted Materials: Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Designed to have a low cracking pressure and a minimum differential for forward flow. The operation of the check valve is based on the movement of a small disc. The disc shifts within the housing as the pressure differential changes from forward to reverse. A flat surface on one side of the disc seals off the flow, whilst the other side allows flow to pass. Flow rate - 3.4 LPM (0.12 SCFM).



E-C-190072 - Natural Polycarbonate/Silicone Female Luer Lock x Male Slip Luer Diaphragm Check Valve, Cracking Pressure 0.5 psi

Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)

Connections: Female Luer Lock to Male Slip Luer

Mounting Style: In-Line

Wetted Materials: Natural Polycarbonate, Silicone

Non-wetted Materials: Natural Polycarbonate

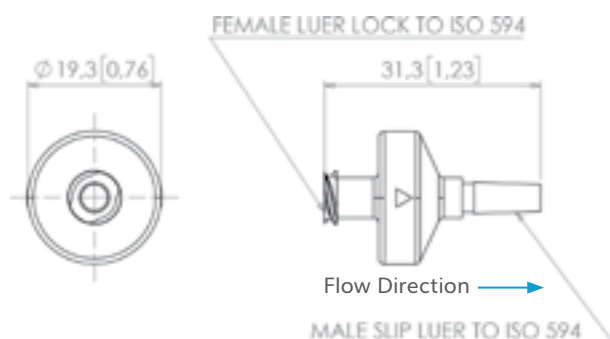
Media Temperature: -63°C to 135°C (-82°F to 275°F)

Recommended Filtration: Depending on application

Regulatory Information: FDA 21 CFR 177.1580

RoHS/REACH Compliant: Yes

Other Technical Data: An In-Line, Natural Polycarbonate bodied check valve complete with Silicone diaphragm and female luer lock inlet to male slip luer outlet. This valve has a cracking pressure of 0.5 psi.



Also available - E-C-190074
Female Luer Lock

E-C-190033 - Nylon Body, Fluorosilicone Diaphragm, 1/4" (6.4mm) Barbed Check Valve, 0.020, Cracking Pressure <0.1 psi

Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)

Connections: 1/4" (6.4mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Nylon, Fluorosilicone

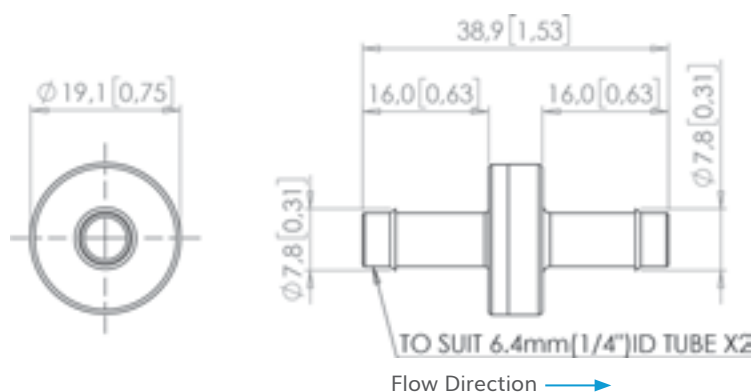
Non-wetted Materials: Nylon

Media Temperature: 82°C (180°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: In-Line, Nylon bodied check valve complete with Fluorosilicone 0.020 thickness diaphragm and barbed ports to suit 1/4" ID tubing.



Also available - E-C-2015-0041
1/4" Kynar

E-C-180189 - MABS Luer Check Valve, Transparent Medical ABS Bodied, Silicone Disc, .122" (3.1mm) OD Bond-In to Male Luer Lock, Cracking Pressure 2.9 psi



Technical Data

Max. Inlet Pressure: 6 bar (87 psi)

Connections: .122" (3.1 mm) OD Bond-in Port

Mounting Style: In-Line

Wetted Materials: SAN Blue -Transparent/MABS, Silicone

Non-wetted Materials: SAN Blue -Transparent/MABS

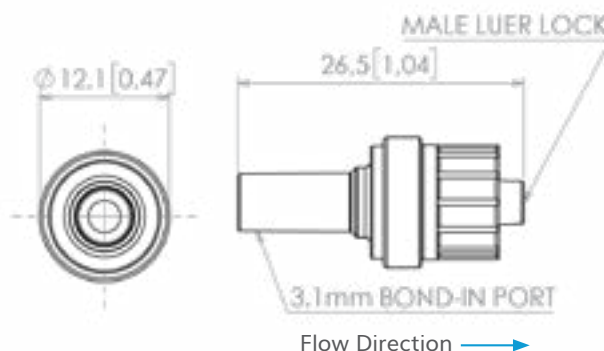
Recommended Filtration: Depending on application

Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65

Cleanroom Manufactured: Class 8 cleanroom

RoHS/REACH Compliant: Yes

Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



E-C-180190 - MABS Polycarbonate Bodied Check Valve, Silicone Disc, .122" (3.1mm) ID to 4.2mm OD Bond-In, Cracking Pressure ≤ 1 psi



Technical Data

Max. Inlet Pressure: 6 bar (87 psi)

Connections: .122" (3.1mm) ID/.165" (4.2mm) OD Bond-in Port

Mounting Style: In-Line

Wetted Materials: SAN Blue -Transparent/MABS, Silicone

Non-wetted Materials: SAN Blue -Transparent/MABS

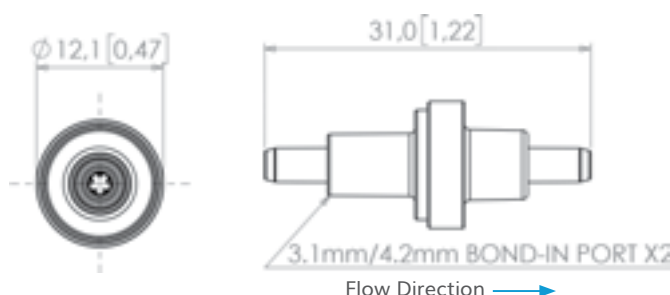
Recommended Filtration: Depending on application

Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65

Cleanroom Manufactured: Class 8 cleanroom

RoHS/REACH Compliant: Yes

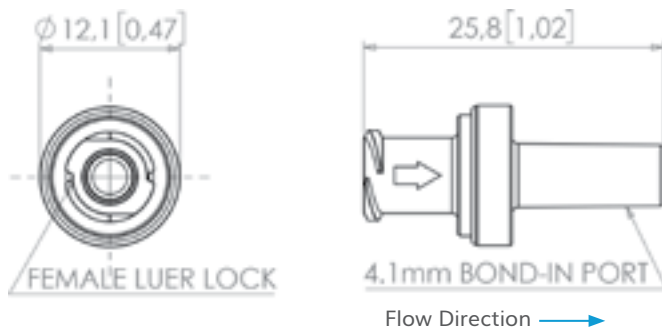
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



E-C-180191 - MABS Luer Check Valve, Transparent Medical ABS Bodied, Silicone Disc, Female Luer Lock to .161" (4.1mm) OD Bond-In, Cracking Pressure 2.9 psi

Technical Data

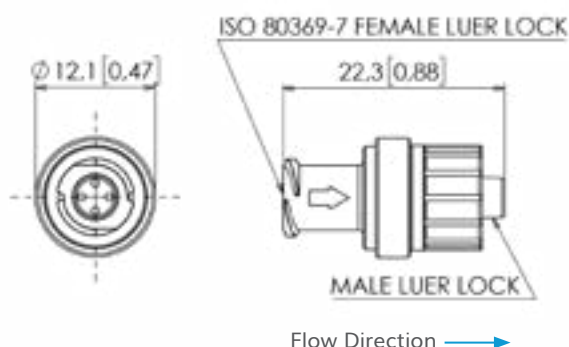
Max. Inlet Pressure: 6 bar (87 psi)
Connections: Female Luer Lock to .161" (4.1 mm) OD Bond-in Port
Mounting Style: In-Line
Wetted Materials: SAN Blue-Transparent/MABS, Silicone
Non-wetted Materials: SAN Blue-Transparent/MABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



E-C-220015 - MABS Luer Check Valve with TPE Taper, Silicone Disc, Female Luer Lock to Male Luer Lock, Cracking Pressure 2.9 psi

Technical Data

Connections: Female Luer Lock to Male Luer Lock
Mounting Style: In-Line
Wetted Materials: MABS, Silicone, TPE
Non-wetted Materials: MABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Transparent blue and clear MABS body check valve with TPE taper and Silicone disc. Flow rate - 0.17 LPM.



E-C-200002 - MABS Luer Check Valve with TPE Taper, Silicone Disc, 4.1mm Bond-In Port to Male Luer Lock, Cracking Pressure 0.2 Bar



Technical Data

Connections: 4.1mm Bond-in Port to Male Luer Lock

Mounting Style: In-Line

Wetted Materials: MABS, Silicone, TPE

Non-wetted Materials: MABS

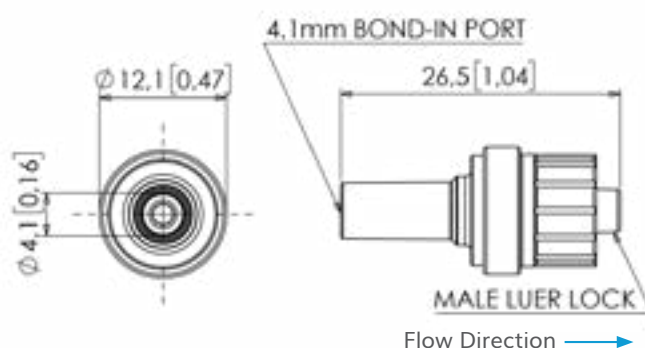
Recommended Filtration: Depending on application

Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65

Cleanroom Manufactured: Class 8 cleanroom

RoHS/REACH Compliant: Yes

Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Transparent blue and clear MABS body check valve with TPE taper and Silicone disc. Flow rate - 0.17 LPM.

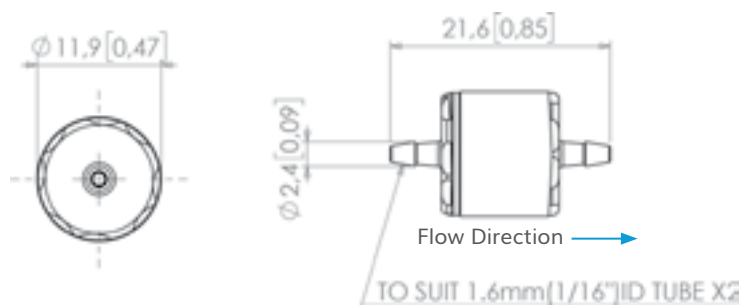


Visit Eox Shop for our full range of Check Valves

E-C-200010 - Polystyrene Check Valve, Silicone Disc, 1/16" (1.6mm) ID Tube, ABS Housing, Cracking Pressure ≤ 8 mbar

Technical Data

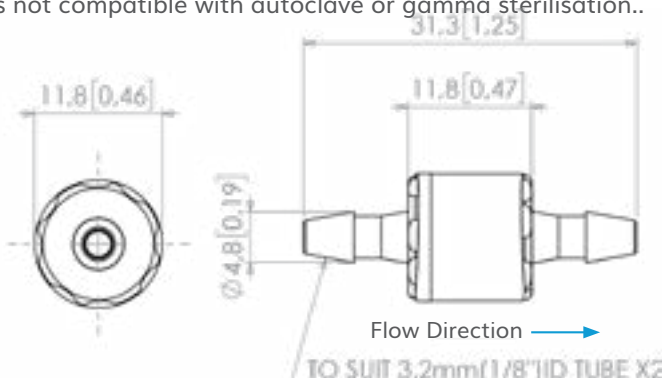
Max. Inlet Pressure: 4 bar (58 psi)
Connections: 1/16" (1.6 mm) ID Tube
Mounting Style: In-Line
Wetted Materials: ABS, Polystyrene, Silicone
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



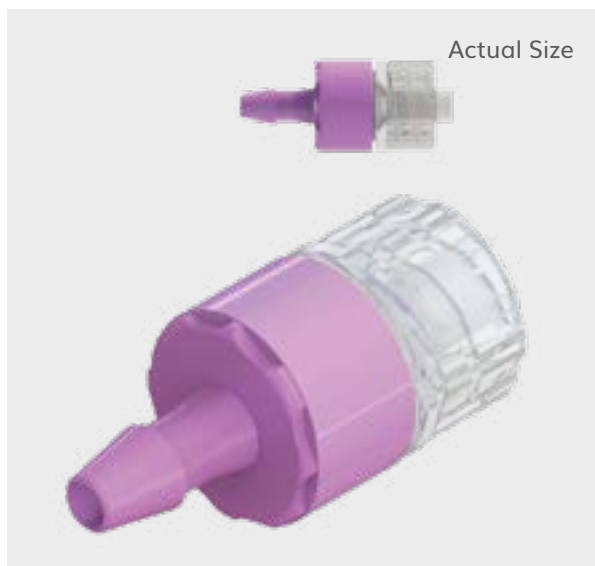
E-C-190076 - Polystyrene Check Valve, Silicone Disc, 1/8" (3.2mm) ID Tube, ABS Housing, Cracking Pressure ≤ 8 mbar

Technical Data

Max. Inlet Pressure: 4 bar (58 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: ABS, Polystyrene, Silicone
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation..



E-C-190009 - ISO 80369-7 Check Valve, 1/8" (3.2mm) Barb to Male Luer Lock, ABS Body with Polystyrene & Silicone Disc



Technical Data

Max. Inlet Pressure: 4 bar (58 psi)

Connections: 1/8" (3.2mm) ID Tube to Male Luer Lock

Mounting Style: In-Line

Wetted Materials: ABS, Polystyrene, Silicone

Non-wetted Materials: ABS

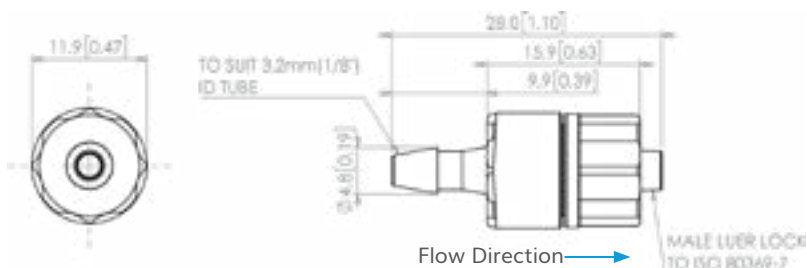
Recommended Filtration: Depending on application

Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65

Cleanroom Manufactured: Class 8 cleanroom

RoHS/REACH Compliant: Yes

Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



More from this range



Female Luer lock To
1/16" (1.6mm)
E-C-190010



1/16" (1.6mm)
To Male Luer Lock
E-C-190007



Female Luer lock To
3/32" (2.4mm)
E-C-190011



3/32" (2.4mm)
To Male Luer Lock
E-C-190008



1/8" (3.2 mm) To
Female Luer Lock
E-C-190012



**Filtered versions
available - contact us
for more information**

E-C-180050 - Polycarbonate Bodied Check Valve, Silicone Duckbill, Female Luer Lock to Male Luer Lock, Cracking Pressure 0.11 psi

Technical Data

Connections: Female Luer Lock to Male Luer Lock

Mounting Style: In-Line

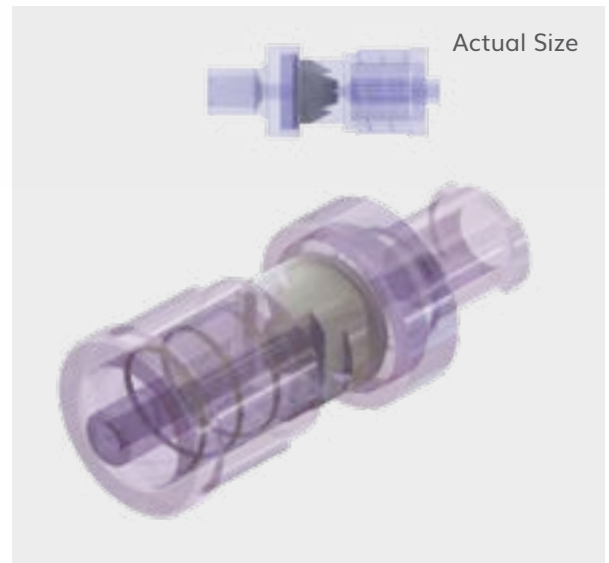
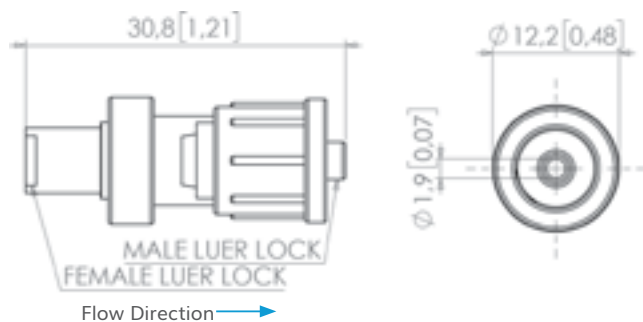
Wetted Materials: Polycarbonate, Silicone

Non-wetted Materials: Polycarbonate

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: An In-Line, Polycarbonate bodied check valve complete with Silicone duckbill and Female Luer inlet and Male Luer Lock outlet ports. This valve has a cracking pressure of 3" H₂O- 0.11 psi. Designed for medical use where the temperature is ambient.



E-C-200019 - ABS/Fluorosilicone, 1/16" (1.6mm) Barbed Duckbill Check Valve , Cracking Pressure ≤25 Mbar

Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)

Connections: (1.6mm) 1/16" ID Tube

Mounting Style: In-Line

Wetted Materials: ABS, Fluorosilicone

Non-wetted Materials: ABS

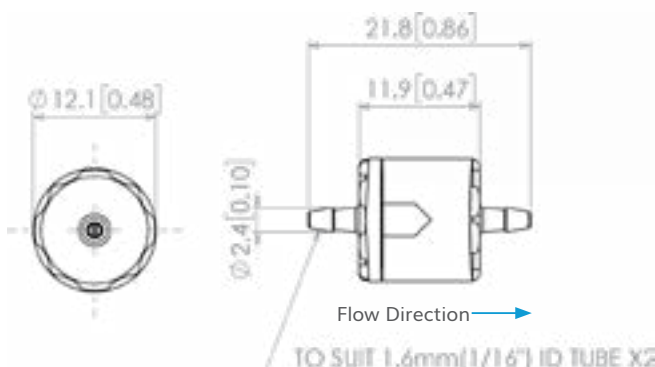
Recommended Filtration: Depending on application

Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65

Cleanroom Manufactured: Class 8 cleanroom

RoHS/REACH Compliant: Yes

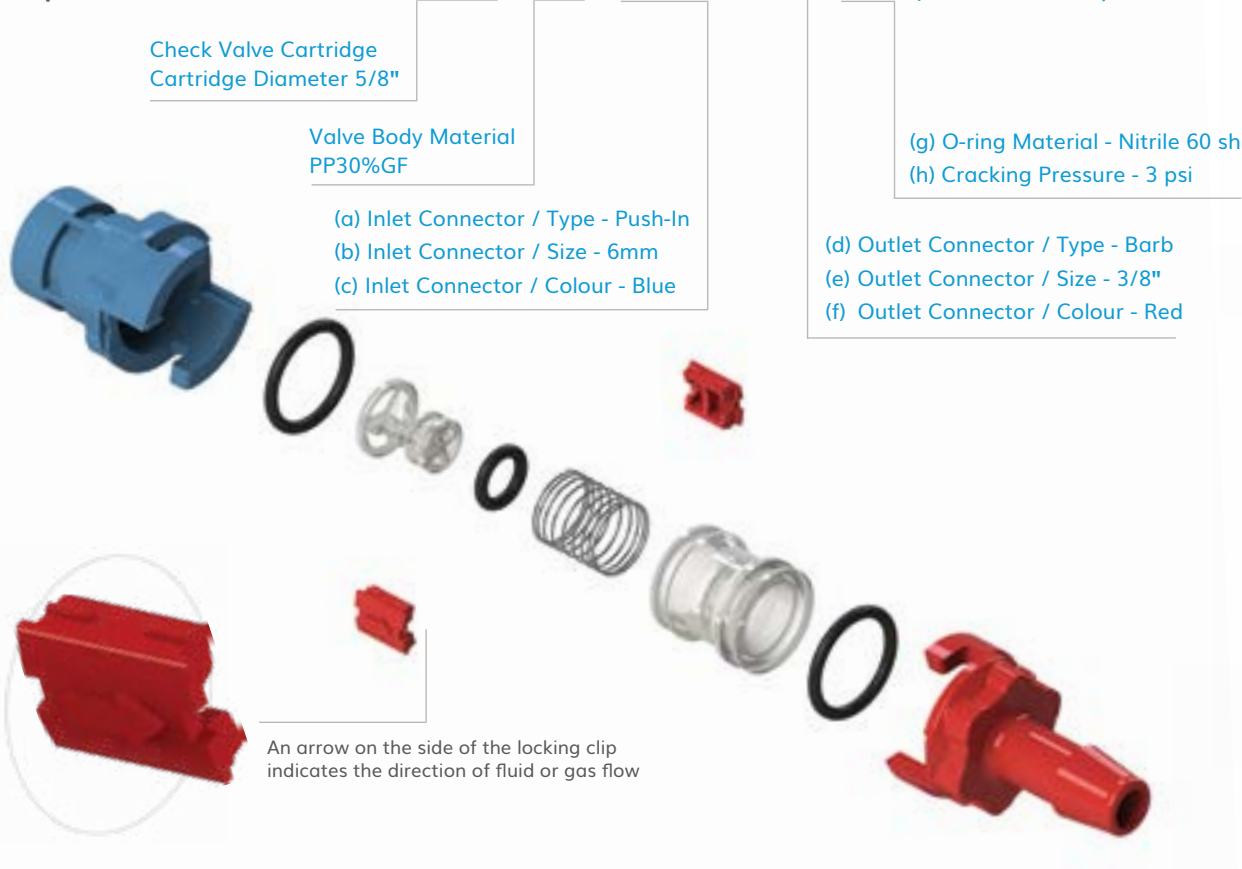
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal derivative Free. Human derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



Build Your Own Check Valve

Our check valve range is extensive. With our online Check Valve Assembly Configurator, you can build the valve specification that your application requires.

Example Product Code: E - C 5 8 - P G - 2 N B 1 G R - N 3 (see table below)



Configure your check valve

Inlet Connector			Outlet Connector			O-ring Material (g)	Cracking Pressure (h)
Type (a)	Size (b)	Colour (c)	Type (d)	Size (e)	Colour (f)		
1 = Barb	C = 1/8" E = 1/4" F = 5/16" G = 3/8"	R = Red N = Natural B = Blue	1 = Barb	C = 1/8" E = 1/4" F = 5/16" G = 3/8"	R = Red N = Natural B = Blue	N = Nitrile 60 sh E = EPDM 70 sh S = Silicone 70 sh V = FKM Viton 75 sh	0.1 = 0.1 psi 0.5 = 0.5 psi 1 = 1 psi 1.5 = 1.5 psi
2 = Push-In	M = 4mm N = 6mm E = 1/4"		2 = Push-In	M = 4mm N = 6mm E = 1/4"			2 = 2 psi 2.5 = 2.5 psi 3 = 3 psi
3 = BSPP Female Thread	C = 1/8		3 = BSPP Female Thread	C = 1/8			4 = 4 psi 5 = 5 psi 10 = 10 psi



Barb



Push-In



Female Thread

Coming Soon



Polypropylene Swivel Poppet Check Valve

Sizes Include: 1/16", 1/8" and 1/4"
Cracking Pressure: 1 psi and 4 psi
Seals: Buna-N and Silicone
Spring: 316 Stainless Steel



Nylon Umbrella Check Valve

Sizes Include: 1/4"
Cracking Pressure: 0.75 psi
Seals: Viton



Self-Sealing Diaphragm Check Valve

Materials: Polypropylene and Polycarbonate
Sizes Include: 3/16" and 5/16"
Cracking Pressure: 0.2 psi
Seals: Silicone
Cleanroom: Class 8



Diaphragm Check Valve

Materials: Animal Free Polypropylene, Kynar and Nylon
Sizes Include: 1/8" 3/8" and 1/4"
Cracking Pressure: 0.1 psi
Seals: Silicone and Fluorosilicone
Cleanroom: Class 7

Contact us for more information sales@eoxshop.com
or call **+44 (0)2392 266031**

Poppets

E-C-180089 - Polypropylene Bodied Check Valve, EPDM Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 0.5 psi



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

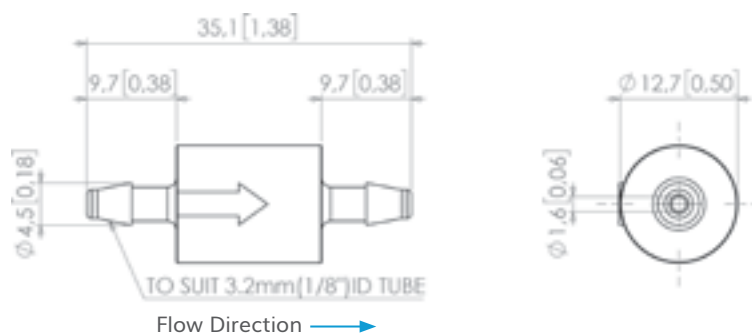
Wetted Materials: Polypropylene, EPDM, 316 & 302 Stainless Steel

Non-wetted Materials: Polypropylene

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: A miniature In-Line Polypropylene bodied check valve with an EPDM seal, Stainless Steel spring, Stainless Steel ball, barbed ports to suit 1/8" ID tubing and a cracking pressure of 0.5 psi. Also available with a Viton seal.



More from this range

EPDM Seal



1 psi - EPDM Seal
E-C-180090



2 psi - EPDM Seal
E-C-180091



3 psi - EPDM Seal
E-C-180092

Viton Seal



0.5 psi - Viton Seal
E-C-180097



1 psi - Viton Seal
E-C-180098



2 psi - Viton Seal
E-C-180099



3 psi - Viton Seal
E-C-180100

E-C-180085 - Polypropylene Bodied Check Valve, EPDM Seal, 1/4" (6.4mm) ID Tube, Cracking Pressure 0.5 psi

Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)

Connections: 1/4" (6.4mm) ID Tube

Mounting Style: In-Line

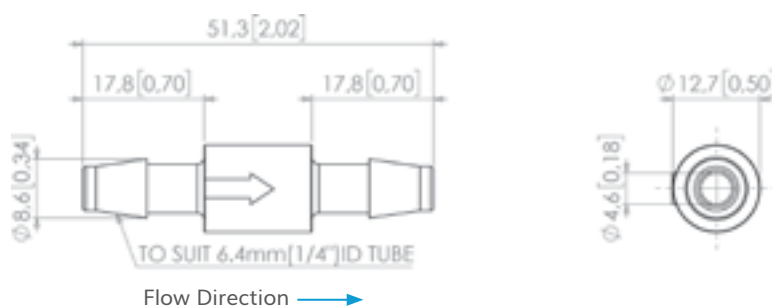
Wetted Materials: Polypropylene, EPDM, 316 & 302 Stainless Steel

Non-wetted Materials: Polypropylene

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: A miniature In-Line Polypropylene bodied check valve with an EPDM seal, Stainless Steel spring, Stainless Steel ball, barbed ports to suit 1/4" ID tubing and a cracking pressure of 0.5 psi. Also available with a Viton seal.



More from this range

EPDM Seal



1 psi - EPDM Seal
E-C-180086



2 psi - EPDM Seal
E-C-180087



3 psi - EPDM Seal
E-C-180088

Viton Seal



0.5 psi - Viton Seal
E-C-180093



1 psi - Viton Seal
E-C-180094

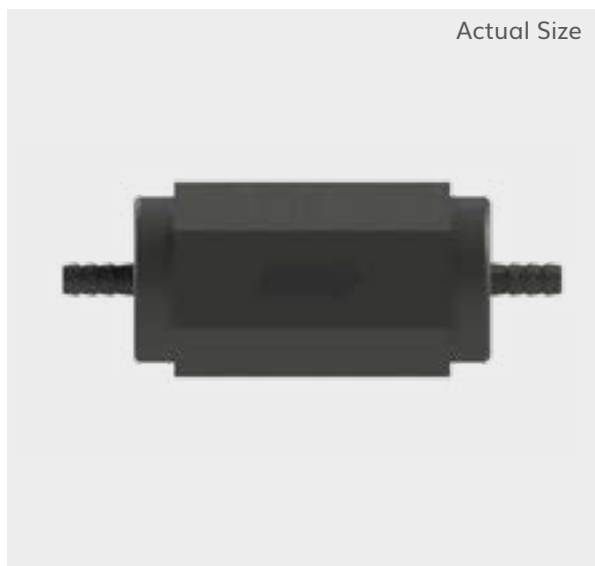


2 psi - Viton Seal
E-C-180095



3 psi - Viton Seal
E-C-180096

E-C-180061 - Kynar® Bodied Check Valve, EPDM Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 0.33 psi



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

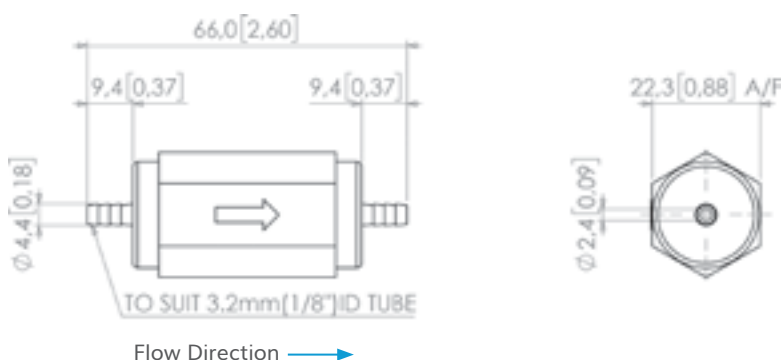
Wetted Materials: Kynar®, EPDM, 316 & 302 Stainless Steel

Non-wetted Materials: Kynar®

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: A miniature In-Line black PVDF (Kynar®) bodied check valve with an EPDM seal, Stainless Steel spring, Stainless Steel ball, barbed ports to suit 1/8" ID tubing and a cracking pressure of 0.33 psi. Also available with a Viton seal.



More from this range



EPDM

Part Number	Cracking Pressure
E-C-180062	1 psi
E-C-180063	1.5 psi
E-C-180064	3 psi
E-C-180065	5 psi
E-C-180066	7 psi
E-C-180067	10 psi
E-C-180068	12 psi

EPDM rubber (Ethylene Propylene Diene Monomer rubber) is a high-density synthetic rubber primarily used for outdoor applications like rubber roofing. It has dynamic and mechanical properties between natural rubber & synthetic rubber.



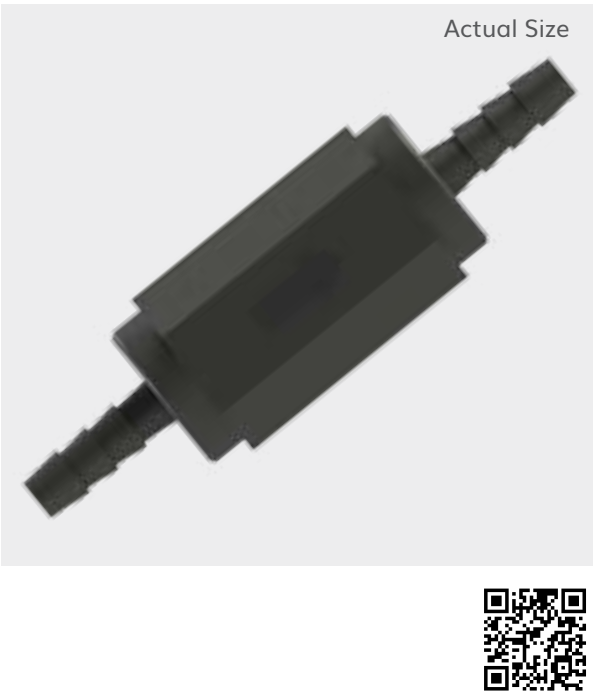
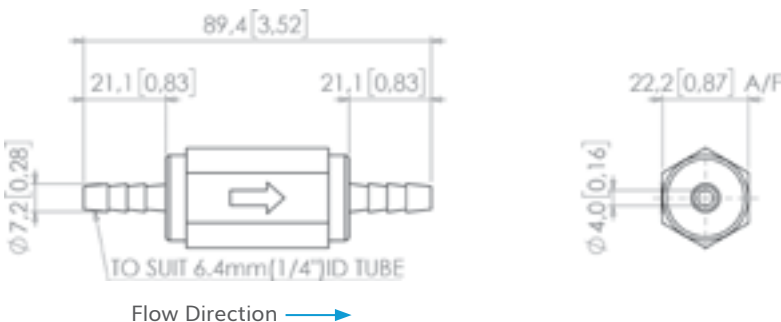
Viton

Part Number	Cracking Pressure	Part Number	Cracking Pressure
E-C-180077	0.33 psi	E-C-180081	5 psi
E-C-180078	1 psi	E-C-180082	7 psi
E-C-180079	1.5 psi	E-C-180083	10 psi
E-C-180080	3 psi	E-C-180084	12 psi

E-C-180053 - Kynar® Bodied Check Valve, EPDM Seal, 1/4" (6.4mm) ID Tube, Cracking Pressure 0.33 psi

Technical Data

Max Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-Line
Wetted Materials: Kynar®, EPDM, 316 & 302 Stainless Steel
Non-wetted Materials: Kynar®
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature In-Line black PVDF (Kynar®) bodied check valve with an EPDM seal, Stainless Steel spring, Stainless Steel ball, barbed ports to suit 1/4" ID tubing and a cracking pressure of 0.33 psi. Also available with a Viton seal.



More from this range



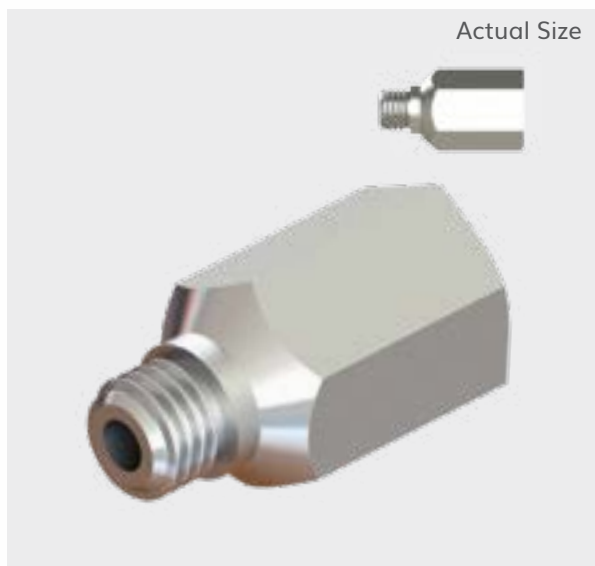
Part Number	Cracking Pressure
E-C-180054	1 psi
E-C-180055	1.5 psi
E-C-180056	3 psi
E-C-180057	5 psi
E-C-180058	7 psi
E-C-180059	10 psi
E-C-180060	12 psi

Viton rubber - (Viton™ is a fluoropolymer elastomer and synthetic rubber) trademarked by DuPont under this brand name. It's a fluorinated hydrocarbon rubber product which retains its flexibility and shape when exposed to chemicals and high temperatures and can withstand even the most challenging of environments.



Part Number	Cracking Pressure	Part Number	Cracking Pressure
E-C-180069	0.33 psi	E-C-180073	5 psi
E-C-180070	1 psi	E-C-180074	7 psi
E-C-180071	1.5 psi	E-C-180075	10 psi
E-C-180072	3 psi	E-C-180076	12 psi

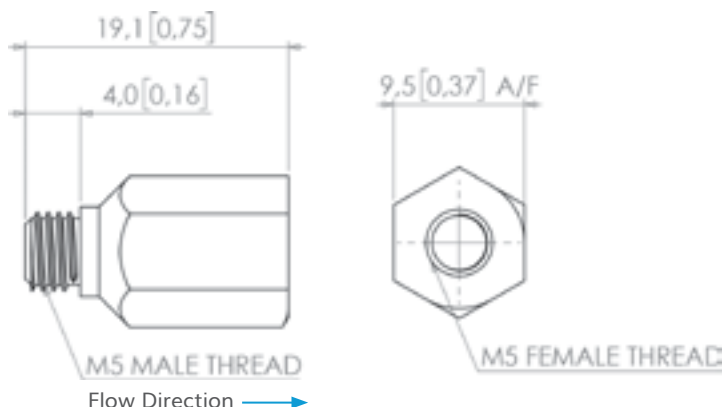
E-C-180032 - Nickel Plated Brass Bodied Check Valve, Internal Brass Poppet, Viton Seal, M5 Male Thread to M5 Female Thread, Cracking Pressure 0.5 psi



More options available online

Technical Data

Max. Inlet Pressure: 20.68 bar (300 psi)
Connections: M5 Male Thread to M5 Female Thread
Mounting Style: In-Line
Wetted Materials: Brass, Nickel Plated Brass, Viton, Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Other Technical Data: 0.69 bar (≤ 10 psi) to fully open the check valve. These valves are compatible with air and hydraulic oil, they are not intended for use as a pressure relief valve. Flow rate - 280 LPM.

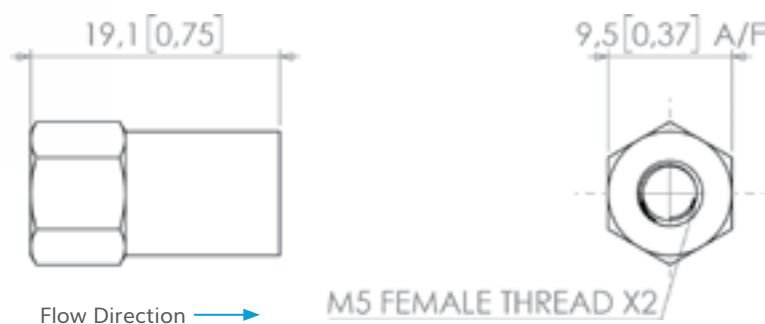


E-C-180036 - Nickel Plated Brass Bodied Check Valve, Viton Duckbill, M5 Female Thread Ports, Cracking Pressure 1 psi



Technical Data

Max. Inlet Pressure: 6.89 bar (100 psi)
Connections: M5 Female Thread
Mounting Style: In-Line
Wetted Materials: Nickel Plated Brass, Viton
Non-wetted Materials: Nickel Plated Brass
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Other Technical Data: 0.17 bar (2.5 psi) to fully open the check valve. These valves are compatible with air and hydraulic oil, they are not intended for use as a pressure relief valve. Flow rate 28 LPM.



Also available - E-C-180130
 6mm Push-In to 1/4" BSPT

E-C-180033 - Nickel Plated Brass Bodied Check Valve, Internal Acetal Poppet, Viton Seal, 1/8" BSPP Female Thread, Cracking Pressure 0.5 psi

Technical Data

Max. Inlet Pressure: 20.68 bar (300 psi)

Connections: 1/8" BSPP Female Thread

Mounting Style: In-Line

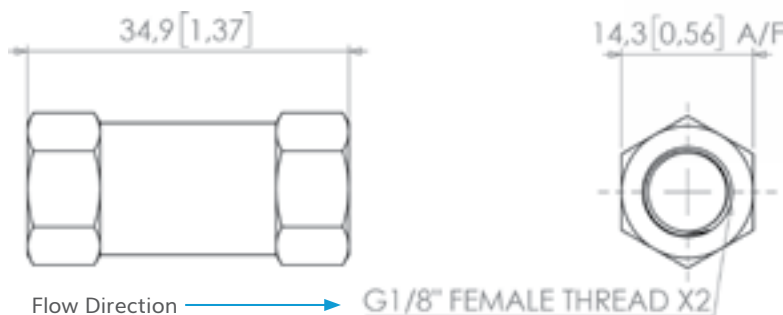
Wetted Materials: Nickel Plated Brass, Viton, Acetal, Stainless Steel

Non-wetted Materials: Nickel Plated Brass

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: 0.69 bar (≤ 10 psi) to fully open the check valve. These valves are compatible with air and hydraulic oil, they are not intended for use as a pressure relief valve. Flow rate - 280 LPM.



E-C-180128 - Nickel Plated Brass Bodied Check Valve, Buna-N Seal, 4mm OD Push-In to M5 Male Thread, Cracking Pressure 1.45 psi

Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)

Connections: 4mm OD Push-In Fitting to M5 Male Thread

Mounting Style: Direct via M5 Male Thread

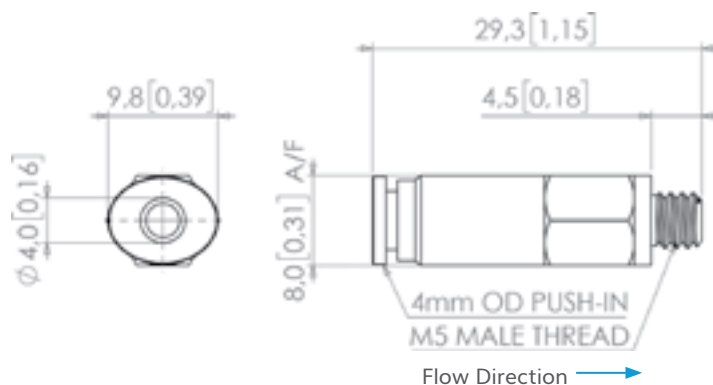
Wetted Materials: Nickel Plated Brass, Buna-N, Stainless Steel, Aluminium

Non-wetted Materials: Nickel Plated Brass, Polyacetal

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: A Nickel Plated Brass bodied check valve with a 4mm OD Push-In inlet, M5 male threaded outlet and a cracking pressure of 1.45 psi. This check valve is able to keep the service pressure at -750mm Hg (vacuum) and permits piping under low pressure. Flow rate 2 LPM.



More options available online

Filters

Suitable for many flow control applications, our large selection of micro filters includes both hydrophilic (attracts water) and hydrophobic (repels water) options. These components safeguard against particulates entering a system, preventing costly downtime or contamination.

We offer filtration solutions from as low as 0.10 micron up to 250 micron, with many different materials available for both the main body and filter element itself, as well as connection styles including luer, threaded, barb-to-barb and push-in.



Key Features Include:

- Compact design
- RoHS and REACH compliant
- Cost-effective options
- Filtration from 0.10 to 250 micron

Typical Applications:

- Bioprocessing
- Biomedicine
- Pressure Care
- Analytical Devices
- Hand-held Gas Detection
- Food and Beverage



In-Line

Available as barb and push-in these filters are both low profile and lightweight. These filters help with infection control and cross contamination.

Page 169-176



Suction

Widely used in the chemical dispensing and analytical industry, the range below includes a choice of filter micron ratings and barb connections.

Page 177



Luer

Created to offer custom solutions, offering different configurations or reverse flow features. These also meet ISO80369-7 standards.

Page 178



Syringe

Our range includes multiple housing options including ABS, medical grade Polypropylene. Available in Hydrophilic and Hydrophobic options.

Page 179-186



Serviceable

Suitable for use at standard airline pressures of 10 bar, ideal for mounting in-line before air tools, blow guns or machinery where clean air is essential.

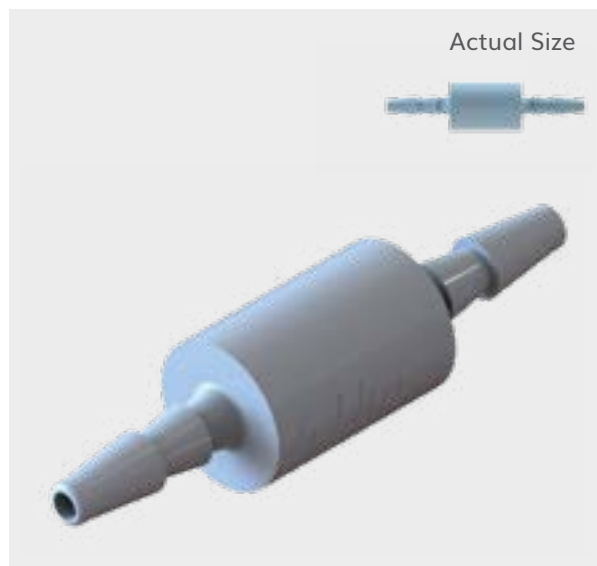
Page 187-190

Material Options:

- Polypropylene
- Polycarbonate
- Polysulfone
- Acetal
- Stainless Steel

In-Line

E-M-160003 - Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 1/16" (1.6mm) ID Tube



Technical Data

Inlet/Outlet Pressure Range: 8.61 bar (125 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel

Non-wetted Materials: FDA approved Polysulfone

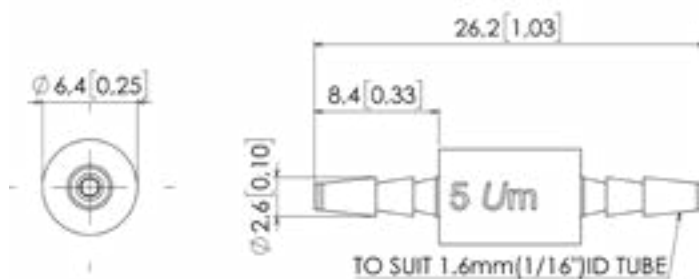
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)

Recommended Filtration: Integrated with 5 micron Stainless Steel screen

RoHS/REACH Compliant: Yes

Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.

Other Technical Data: Miniature Polysulfone moulded in-line filter, with integral 5 micron Stainless Steel filter screen.



More from this range



1/16" - 25 Micron
E-M-160004



1/16" - 43 Micron
E-M-160005



1/16" - 73 Micron
E-M-160006



1/8" - 5 Micron
E-M-160007



1/8" - 25 Micron
E-M-160008



1/8" - 43 Micron
E-M-160009



1/8" - 73 Micron
E-M-160010

E-M-160011 - Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 10-32 UNF Male Thread to 1/16" (1.6mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 8.61 bar (125 psi)

Connection 1: 1/16" (1.6mm) ID Tube

Connection 2: 10-32 UNF Male Thread

Mounting Style: In-Line

Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel

Non-wetted Materials: FDA approved Polysulfone

Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)

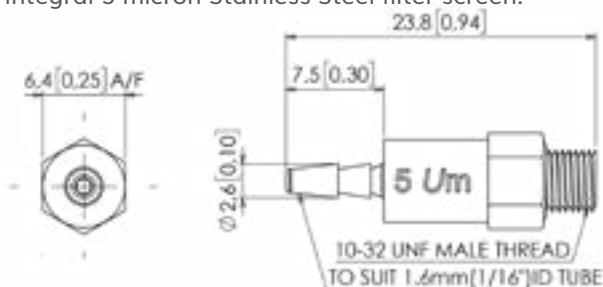
Recommended Filtration: Integrated with 5 micron Stainless Steel screen

RoHS/REACH Compliant: Yes

Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.

Other Technical Data: Miniature Polysulfone moulded in-line filter, with integral 5 micron Stainless Steel filter screen.

Actual Size



More from this range



1/16" - 25 Micron
E-M-160012



1/16" - 43 Micron
E-M-160013



1/16" - 73 Micron
E-M-160014



1/8" - 5 Micron
E-M-160015



1/8" - 25 Micron
E-M-160016



1/8" - 43 Micron
E-M-160017



1/8" - 73 Micron
E-M-160018

E-M-160019 - Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 10-32 UNF Female Thread to 10-32 UNF Female Thread



Technical Data

Inlet/Outlet Pressure Range: 8.61 bar (125 psi)

Connections: 10-32 UNF Female Thread

Mounting Style: In-Line

Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel

Non-wetted Materials: FDA approved Polysulfone

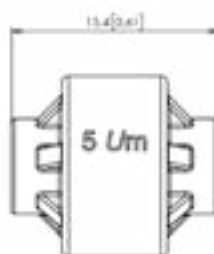
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)

Recommended Filtration: Integrated with 5 micron Stainless Steel screen

RoHS/REACH Compliant: Yes

Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.

Other Technical Data: Designed for installation within pneumatic, gas and compatible fluid control circuits via the 10-32 UNF female thread inlet and 10-32 UNF female thread outlet.



More from this range



25 Micron
E-M-160020



43 Micron
E-M-160021



73 Micron
E-M-160022

E-M-160023 - Polycarbonate Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 1/16" (1.6mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 6.89 bar (100 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: FDA approved Polycarbonate, 304 Stainless Steel

Non-wetted Materials: FDA approved Polycarbonate

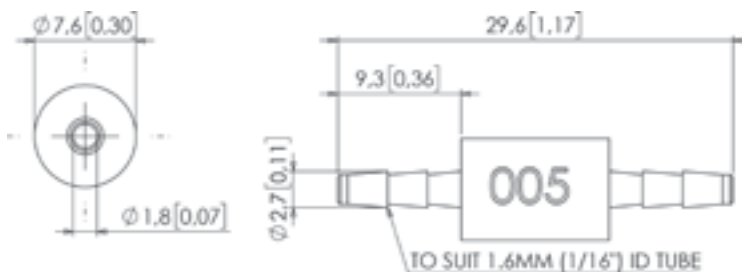
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)

Recommended Filtration: Integrated with 5 micron Stainless Steel screen

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI, and FDA regulation 21 CFR 177.1580.

Other Technical Data: Designed for installation within pneumatic, gas and compatible fluid control circuits via the barb to suit 1/16" (1.6mm) ID tubing inlet and outlet.



More from this range



1/16" - 40 Micron
E-M-160024



1/16" - 80 Micron
E-M-160025

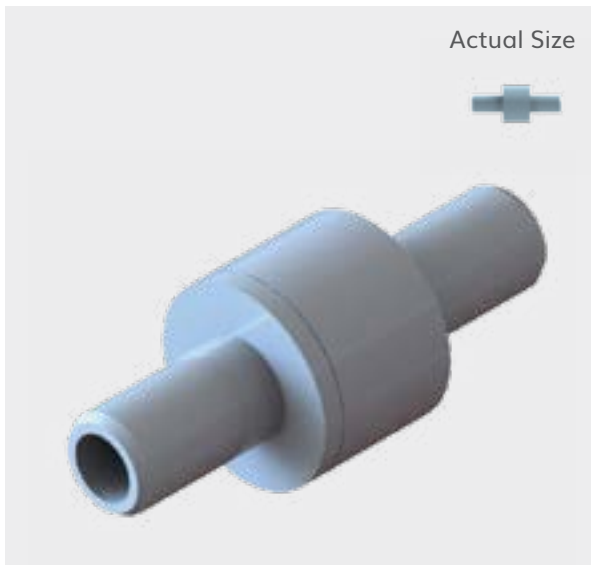


1/8" - 40 Micron
E-M-160027



1/8" - 80 Micron
E-M-160028

E-M-190019 - Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 1/16" (1.6mm) ID Tube



Technical Data

Inlet/Outlet Pressure Range: 8.61 bar (125 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel

Non-wetted Materials: FDA approved Polysulfone

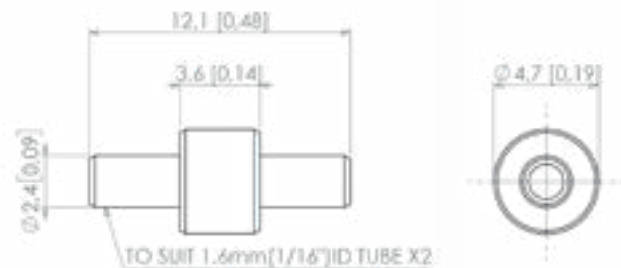
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)

Recommended Filtration: 5 µm

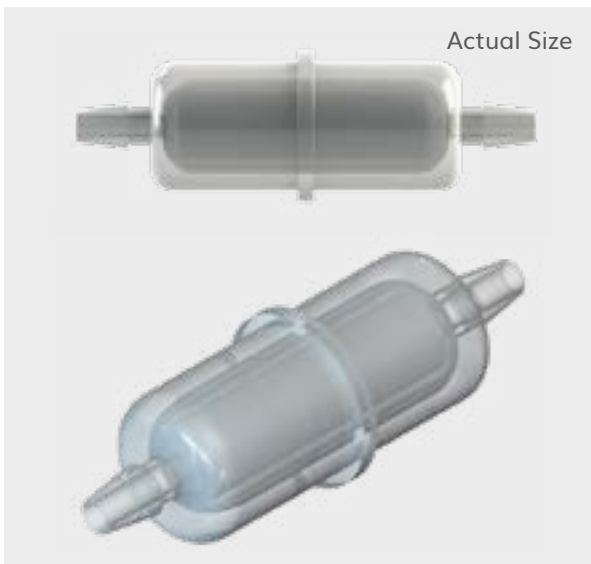
RoHS/REACH Compliant: Yes

Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.

Other Technical Data: Miniature Polysulfone moulded in-line Filter, with integral 5 micron Stainless Steel filter screen. Designed for installation within pneumatic, gas and compatible fluid control circuits via straight ports for 1/16" (1.6mm) ID tubing.



E-M-160029 - Clear Polypropylene Disposable Filter, 10 Micron Porous Polyethylene Element, 1/8" (3.2mm) ID Tube



Technical Data

Inlet/Outlet Pressure Range: 4.48 bar (65 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polycarbonate, High density Polyethylene

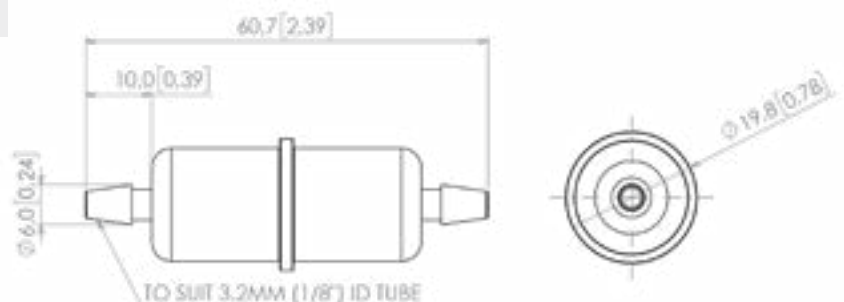
Non-wetted Materials: Polycarbonate

Media/Ambient Temperature: 0°C to 80°C (32 to 176°F)

Recommended Filtration: Incorporated with 10 micron porous Polyethylene element

RoHS/REACH Compliant: Yes

Other Technical Data: Disposable in-line filter with 1/8" Hose barbs, Clear Polycarbonate body and chemically inert porous Polyethylene filter element with a 10 micron density. These in-line filters are designed to remove most of the visible particulates in compressed air, gas streams and aqueous solutions.



Also available - E-M-160030
25 Micron

E-M-160033 - Polypropylene Disposable Filter, 149 Micron Stainless Steel Screen, 1/8" (3.2mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polypropylene, 304 Stainless Steel

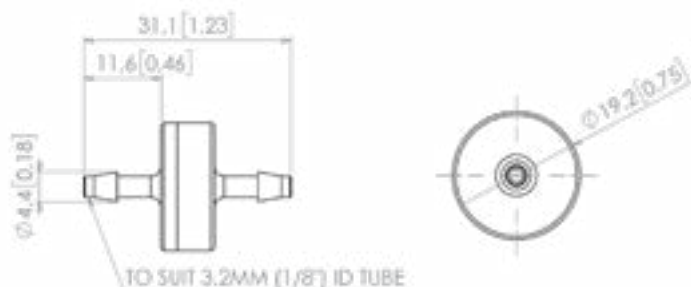
Non-wetted Materials: Polypropylene

Media/Ambient Temperature: 0°C to 121°C (32 to 250°F)

Recommended Filtration: Incorporated with 149 micron Stainless Steel screen

RoHS/REACH Compliant: Yes

Other Technical Data: Disposable in-line filter with 1/8" Hose barbs, Polypropylene body and 100 mesh Stainless Steel screen filter with a 149 micron density. These in-line filters are designed to remove most of the visible particulates in compressed air, gas streams and aqueous solutions.



More from this range



1/8" - 74 Micron
E-M-160034



3/16" - 74 Micron
E-M-160038



3/16" - 149 Micron
E-M-160037



1/4" - 74 Micron
E-M-160042



1/4" - 149 Micron
E-M-160041

E-M-160035 - Polypropylene Disposable Filter, 45 to 90 Micron Polyethylene Fibre Screen, 3/16" (4.8mm) ID Tube



Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)

Connections: 3/16" (4.8mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Polypropylene, High density Polyethylene

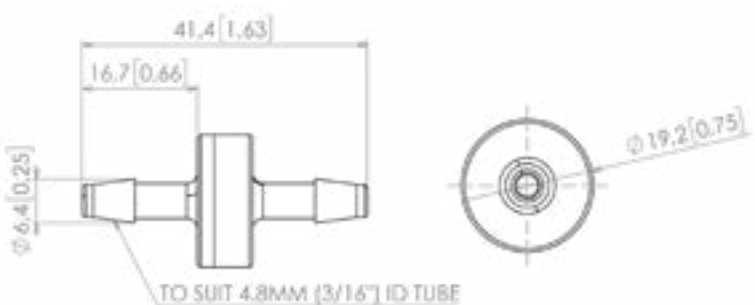
Non-wetted Materials: Polypropylene

Media/Ambient Temperature: 0°C to 121°C (32 to 250°F)

Recommended Filtration: Incorporated with 45 to 90 micron Polyethylene Fibre screen

RoHS/REACH Compliant: Yes

Other Technical Data: Disposable in-line filter with 3/16" Hose barbs, Polypropylene body and High density Polyethylene Fibre screen with a 45 to 90 micron density.



More from this range



1/8" - 45-90 Micron
E-M-160031



1/8" - 90-130 Micron
E-M-160032



3/16" - 90-130 Micron
E-M-160036



1/4" - 45-90 Micron
E-M-160039

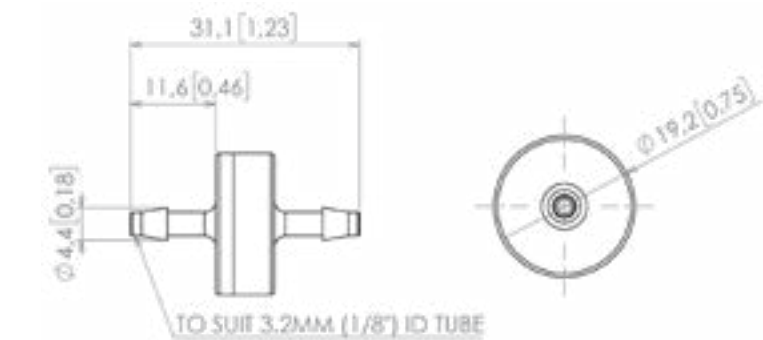


1/4" - 90-130 Micron
E-M-160040

E-M-160043 - Clear Polycarbonate Disposable Filter, 45 to 90 Micron Polyethylene Fibre Screen, 1/8" (3.2mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: Polycarbonate, High density Polyethylene
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: -135°C to 135°C (-211 to 275°F)
Recommended Filtration: Incorporated with 45 to 90 micron Polyethylene Fibre screen
RoHS/REACH Compliant: Yes
Other Technical Data: Disposable in-line filter with 1/8" Hose barbs, Clear Polycarbonate body and High density Polyethylene Fibre screen with a 45 to 90 micron density.



More from this range



Part Number	Size	Micron	Filter Screen
E-M-160046	1/8"	74 micron	Stainless Steel
E-M-160044	1/8"	90-130 micron	Polyethylene
E-M-160045	1/8"	149 micron	Stainless Steel
E-M-160050	3/16"	74 micron	Stainless Steel
E-M-160047	3/16"	45-90 micron	Polyethylene
E-M-160048	3/16"	90-130 micron	Polyethylene
E-M-160049	3/16"	149 micron	Stainless Steel
E-M-160054	1/4"	74 micron	Stainless Steel
E-M-160051	1/4"	45-90 micron	Polyethylene
E-M-160052	1/4"	90-130 micron	Polyethylene
E-M-160053	1/4"	149 micron	Stainless Steel

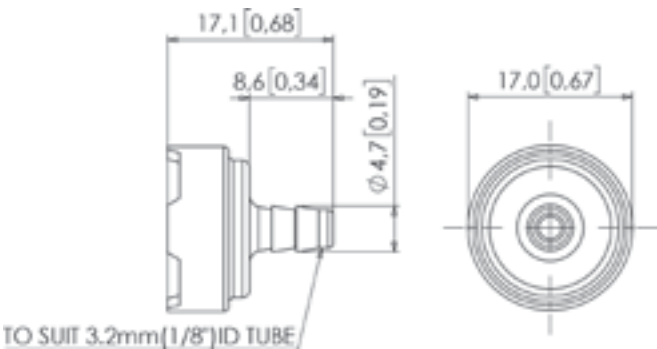
Suction

E-M-180006 - Teal Polypropylene Suction Filter, 105 Micron Polypropylene Mesh, 1/8" (3.2mm) ID Tube



Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)
Connection: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 60°C (140°F)
Recommended Filtration: Integrated with 105 micron Polypropylene mesh
RoHS/REACH Compliant: Yes
Other Technical Data: Compatible with air, gases and fluids.



More from this range



1/16" ID
150 Micron
E-M-230016



1/16" ID
150 Micron
E-M-230015



1/8" ID - Kynar
70 Micron
E-M-220003



1/8" ID
150 Micron
E-M-180007



1/4" ID
105 Micron
E-M-180018



1/4" ID
150 Micron
E-M-190015

E-M-190003 - ISO 80369-7 Polystyrene Bacterial Filter, 0.2 Micron Hydrophobic Glass Fibre Disc, 1/8" (3.2mm) ID Tube to Male Luer Lock, ABS Housing

Technical Data

Connection 1: 1/8" (3.2mm) ID Tube

Connection 2: Male Luer Lock

Mounting Style: In-Line

Wetted Materials: ABS, Polystyrene, Glass Fibre, HDPE

Non-wetted Materials: ABS

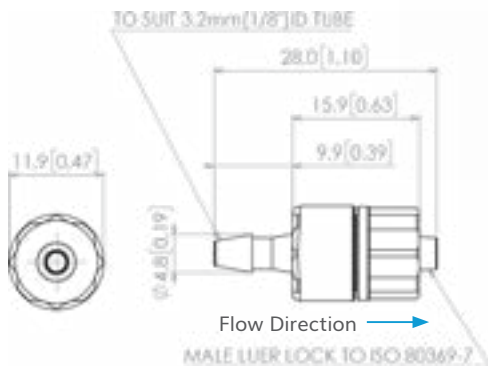
Recommended Filtration: Incorporated with 0.2 micron Hydrophobic Glass Fibre disc

Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32, California Prop. 65

Cleanroom Manufactured: Class 8 cleanroom

RoHS/REACH Compliant: Yes

Other Technical Data: An ISO 80369-7 bacterial filter complete with ABS housing and Polystyrene filter body which incorporated with 0.2 micron Hydrophobic Glass fibre disc and HDPE holder.



**Contact us to find out more about this range.
We offer different connection sizes and
reverse configurations**

MOQ Required



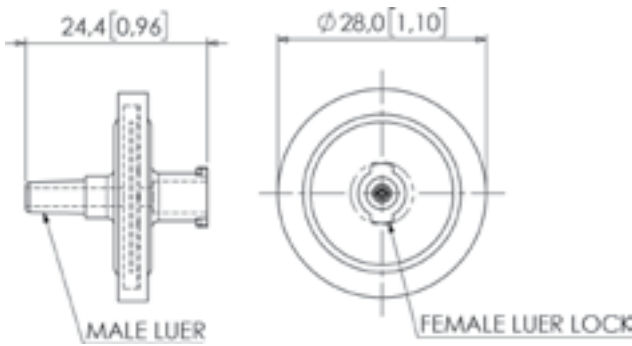
Syringe - Hydrophobic

E-M-160136 - Polypropylene 25mm Syringe Filter, 0.10 Micron Hydrophobic PTFE Membrane, Female Luer Lock to Male Slip Luer



Technical Data

Inlet/Outlet Pressure Range: 8.96 bar (130 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-Line
Wetted Materials: Polypropylene, Polytetrafluoroethylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 130°C (266°F)
Recommended Filtration: Incorporated with 0.10 micron Hydrophobic PTFE membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Hydrophobic PTFE media filter disc within a medical grade Polypropylene housing designed for in-line filtration.



More from this range



13mm



33mm

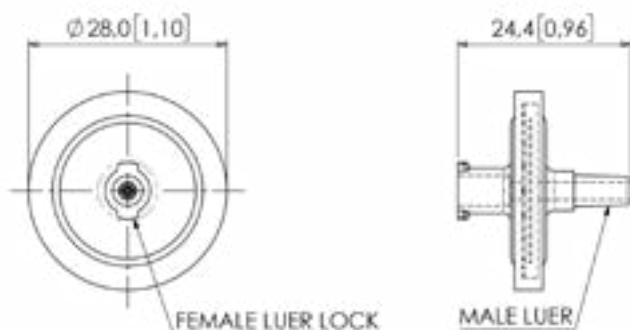
Part Number	Size	Micron
E-M-160128	13mm	0.22 micron
E-M-160129	13mm	0.45 micron
E-M-160130	13mm	1 micron
E-M-160132	13mm	3 micron
E-M-160137	25mm	0.22 micron
E-M-160138	25mm	0.45 micron
E-M-160139	25mm	1 micron
E-M-160141	25mm	3 micron
E-M-160142	25mm	5 micron
E-M-160143	33mm	0.22 micron
E-M-160144	33mm	0.45 micron

See website for dimensions

E-M-160167 - Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophobic PVDF Membrane, Female Luer Lock to Male Slip Luer

Technical Data

Inlet/Outlet Pressure Range: 6.55 bar (95 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-Line
Wetted Materials: Polypropylene, Polyvinylidene fluoride
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 100°C (212°F)
Recommended Filtration: Incorporated with 0.22 micron Hydrophobic PVDF membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Hydrophobic PVDF media filter disc within a medical grade Polypropylene housing designed for in-line filtration.



Coming Soon...

New In-Line Hydrophilic Filters



Technical Data

Available Connections: 3/32", 1/8", 3/16" & 1/4"
Mounting Style: In-Line
Material: Animal Free Polypropylene
Recommended Filtration: Incorporated with 44 micron
RoHS/REACH Compliant: Yes

New Polypropylene In-Line Filter



Technical Data

Available Connections: 1/8"
Mounting Style: In-Line
Material: Teal and Natural Polypropylene
Recommended Filtration: 105 and 150 Polypropylene mesh
RoHS/REACH Compliant: Yes

Contact us for further information: sales@eoxshop.com or call +44 (0)2392 266031

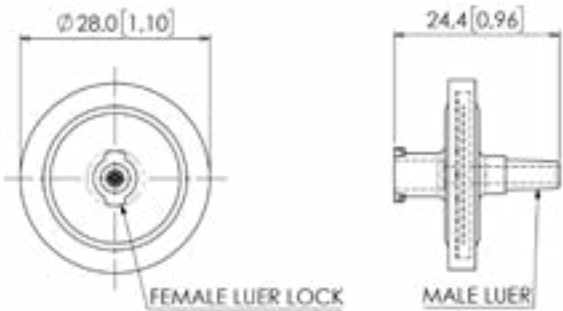
Syringe - Hydrophilic

E-M-160119 - Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic Nylon Membrane, Female Luer Lock to Male Slip Luer



Technical Data

Inlet/Outlet Pressure Range: 6.55 bar (95 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-Line
Wetted Materials: Polypropylene, Nylon
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 100°C (212°F)
Recommended Filtration: Incorporated with 0.22 micron Hydrophilic Nylon membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: A wide range of filtration media, both non-sterile and individually packed sterile syringe filters are available to suit almost any application.



More from this range



Part Number	Size	Micron
E-M-160110	13mm	0.22 micron
E-M-160111	13mm	0.45 micron
E-M-160120	25mm	0.45 micron
E-M-160121	25mm	1 micron
E-M-160123	25mm	3 micron
E-M-160124	25mm	5 micron
E-M-160126	33mm	0.45 micron

See website for dimensions

E-M-160155 - Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic PTFE Membrane, Female Luer Lock to Male Slip Luer

Technical Data

Inlet/Outlet Pressure Range: 8.98 bar (130 psi)

Connection 1: Female Luer Lock

Connection 2: Male Luer Slip

Mounting Style: In-Line

Wetted Materials: Polypropylene, Polytetrafluoroethylene

Non-wetted Materials: Polypropylene

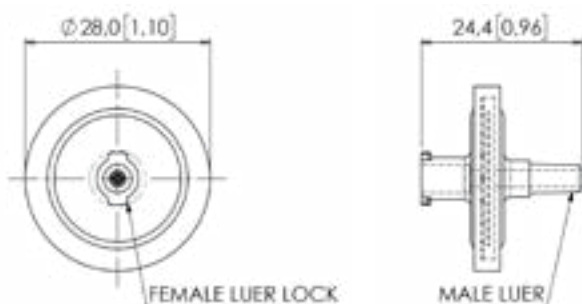
Media/Ambient Temperature: 130°C (266°F)

Recommended Filtration: Incorporated with 0.22 micron Hydrophilic PTFE membrane

Regulatory Information: ISO 594

Cleanroom Manufactured: Class 8 cleanroom

Other Technical Data: A wide range of filtration media, both non-sterile and individually packed sterile syringe filters are available to suit almost any application.



More from this range



25mm - 0.45 Micron
[E-M-160156](#)



13mm - 0.22 Micron
[E-M-160146](#)



33mm - 0.22 Micron
[E-M-160161](#)

See website for dimensions

E-M-160184 - Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic Polyethersulfone Membrane, Female Luer Lock to Male Slip Luer



Technical Data

Inlet/Outlet Pressure Range: 6.55 bar (95 psi)

Connection 1: Female Luer Lock

Connection 2: Male Luer Slip

Mounting Style: In-Line

Wetted Materials: Polypropylene, Polyethersulfone

Non-wetted Materials: Polypropylene

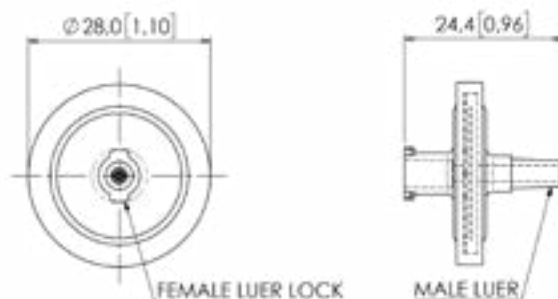
Media/Ambient Temperature: 90°C (194°F)

Recommended Filtration: Incorporated with 0.22 micron Hydrophilic Polyethersulfone membrane

Regulatory Information: ISO 594

Cleanroom Manufactured: Class 8 cleanroom

Other Technical Data: Hydrophilic Polyethersulfone media filter disc within a medical grade Polypropylene housing designed for in-line filtration.



More from this range



13mm - 0.10 Micron
E-M-160177



13mm - 0.22 Micron
E-M-160178



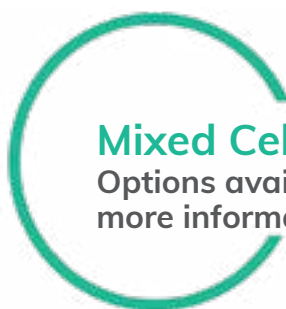
13mm - 0.45 Micron
E-M-160179



33mm - 0.22 Micron
E-M-160187



33mm - 0.45 Micron
E-M-160188



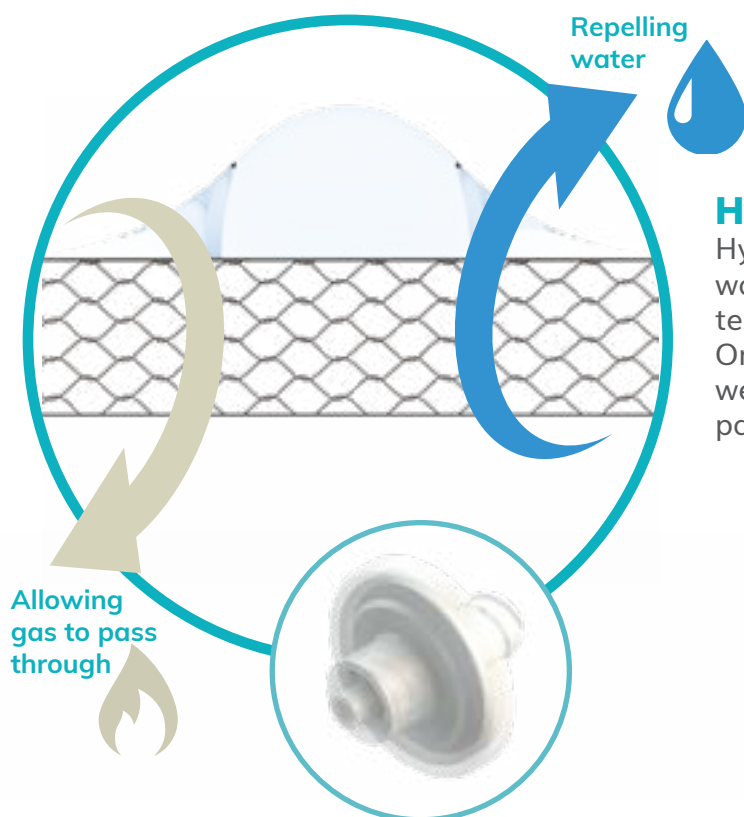
Mixed Cellulose Ester Membrane
Options available visit our website for more information

See website for dimensions

Hydrophobic or Hydrophilic?

The syringe filter is typically used for filtering organic solvent-based samples to HPLC analysis. The syringe filter provides a good resistance to most acids and alkalis making it an excellent choice for aggressive solvents, liquids and gases.

Our syringe filters come in Hydrophilic and Hydrophobic options. Materials with a special affinity for water which expand causing maximum contact are known as Hydrophilic. Those that naturally repel water which cause droplets to form, are known as Hydrophobic.

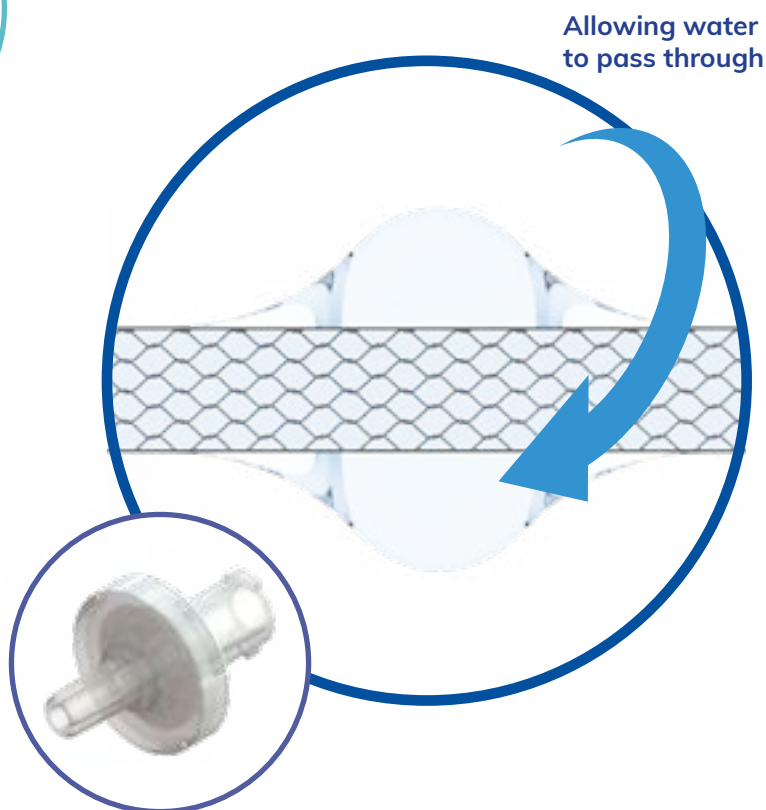


Hydrophobic

Hydrophobic filters will not wet in water but will wet in low surface tension liquids, for example, gas. Once a Hydrophobic filter has been wetted, aqueous solutions also will pass through

Hydrophilic

Hydrophilic materials are water attractive or water "loving", therefore Hydrophilic filters are typically used in liquid filtration processes. The Hydrophilicity of a filter allows liquids, like water, to interact more efficiently and maximise the filtration process



E-M-160201 - Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic Cellulose Acetate Membrane, Female Luer Lock to Male Slip Luer



Technical Data

Inlet/Outlet Pressure Range: 8.27 bar (120 psi)

Connection 1: Female Luer Lock

Connection 2: Male Luer Slip

Mounting Style: In-Line

Wetted Materials: Polypropylene, Cellulose Acetate

Non-wetted Materials: Polypropylene

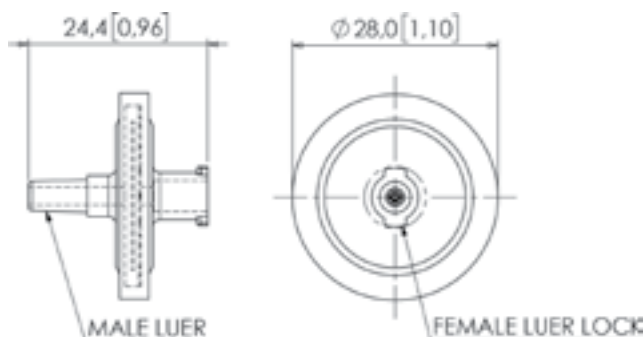
Media/Ambient Temperature: 50°C (122°F)

Recommended Filtration: Incorporated with 0.22 micron Hydrophilic Cellulose Acetate membrane

Regulatory Information: ISO 594

Cleanroom Manufactured: Class 8 cleanroom

Other Technical Data: Hydrophilic Cellulose Acetate media Filter disc within a Medical Grade Polypropylene housing designed for in-line filtration.



More from this range



25mm - 0.45 Micron
[E-M-160202](#)



13mm - 0.45 Micron
[E-M-160198](#)

See website for dimensions

E-M-160175 - Polypropylene 25mm Syringe Filter, 0.22 Micron Polypropylene Membrane, Female Luer Lock to Male Slip Luer

Technical Data

Inlet/Outlet Pressure Range: 5.2 bar (75 psi)

Connection 1: Female Luer Lock

Connection 2: Male Luer Slip

Mounting Style: In-Line

Wetted Materials: Polypropylene, Nylon

Non-wetted Materials: Polypropylene

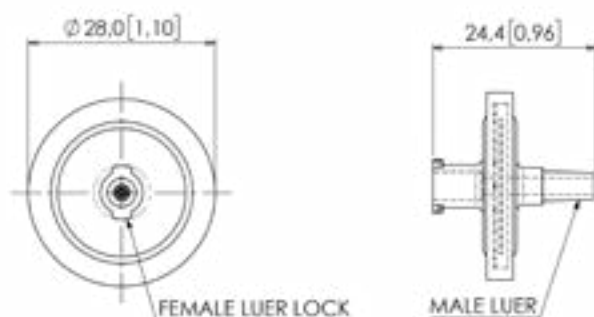
Media/Ambient Temperature: 60°C (140°F)

Recommended Filtration: Incorporated with 0.22 micron Polypropylene membrane

Regulatory Information: ISO 594

Cleanroom Manufactured: Class 8 cleanroom

Other Technical Data: Polypropylene filters have a high contamination loading capability with high flow, can also be used as a pre-filter to remove large particulate matter prior to further filtration.



More from this range



25mm - 0.45 Micron
E-M-160176



13mm - 0.22 Micron
E-M-160171

See website for dimensions

We can offer sintered filters

Sintered bronze filters are suitable for a wide range of applications

- Available from 5 to 100 micron
- Typically used with air, gases, oil, liquids
- Low corrosion resistance (can be improved by nickel plating)

Contact us for more details or a sample sales@eoxshop.com

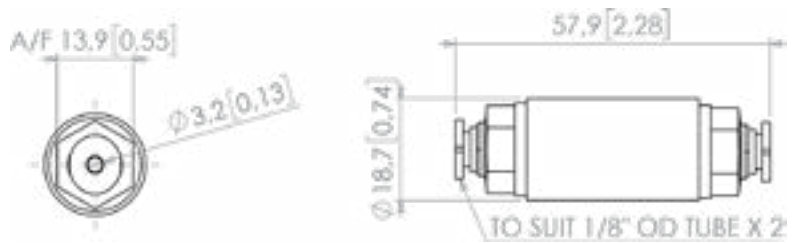
Serviceable

E-M-160067 - Clear Polycarbonate Serviceable Filter, Buna-N Seal, 20 Micron Polypropylene Element, 1/8" (3.2mm) OD Push-In Fittings



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" (3.2mm) OD Tube
Connection 2: 1/8" (3.2mm) OD Tube
Mounting Style: In-Line
Wetted Materials: Polycarbonate, Polypropylene, Nickel Plated Brass, Buna-N
Non-wetted Materials: Polycarbonate, Nickel Plated Brass
Media/Ambient Temperature: 49°C (120°F)
Recommended Filtration: Incorporated with 20 micron Polypropylene element
RoHS/REACH Compliant: Yes
Other Technical Data: A Polycarbonate bodied serviceable filter with push-in ports for 1/8" (3.2mm) OD tubing and a 20 micron Polypropylene element.



More from this range



3/16"
E-M-160068



1/4"
E-M-160069



4mm
E-M-160070



6mm
E-M-160071



8mm
E-M-160072

E-M-160076 - Polycarbonate Serviceable Filter, Buna-N Seal, 6 Micron Nylon Mesh Nylon Frame Element, 1/8" (3.2mm) ID Tube

Technical Data

Max. Inlet Pressure: 2.76 bar (40 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: Polycarbonate, Nylon, Buna-N
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: 0°C-54°C (32°F - 130°F)
Recommended Filtration: Incorporated with 6 micron Nylon mesh Nylon frame element
RoHS/REACH Compliant: Yes
Other Technical Data: Serviceable filter with 1/8" (3.2mm) barb ports, Polycarbonate body and 6 micron Nylon mesh Nylon frame element.

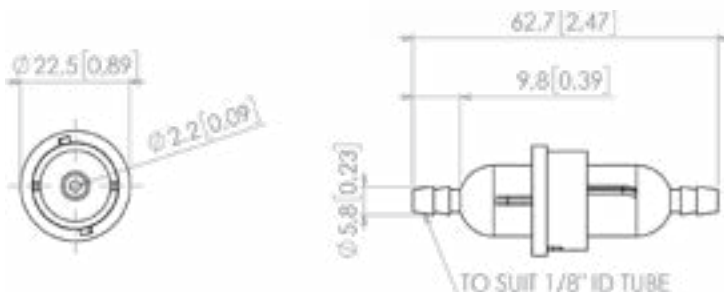


Also available:

E-M-160077 - 10 Micron

E-M-160078 - 48 Micron

Viton O-ring available on request



Filter Housing Available

Technical Data

Max. Inlet Pressure: 2.76 bar (40 psi)
Mounting Style: In-Line
Wetted Materials: Polycarbonate, Buna-N
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: 0°C-54°C (32°F - 130°F)
RoHS/REACH Compliant: Yes

E-M-160079 - Polycarbonate Serviceable Filter Housing, Buna-N Seal, 1/8" (3.2mm) ID Tube

Serviceable Filter Elements

Need to change the filter element for your serviceable filter?



Compatible with Clear Polycarbonate Serviceable Filters
Page 187

Also available:

E-M-160074 - 10 Micron

E-M-160075 - 20 Micron

E-M-160073 - Polypropylene Replacement Filter Element, 5 Micron



Compatible with Nylon Serviceable Filters
Page 188

Also available:

E-M-160081 - 10 Micron (Orange)

E-M-160080 - 6 Micron (Yellow)

E-M-160082 - Nylon Serviceable Filter Element, 48 Micron



Also available in Stainless Steel and Bronze

Contact us for more information
sales@eoxshop.com or +44(0)2392 266031

Positive/Negative & Hollow Membrane Filters

Positive & Negative Filters

Positive and negative filters are filter units that are specifically designed for vacuum or positive pressure applications. A typical vacuum application would be between the vacuum generator and the work piece, for example a suction cup, capturing dust and dirt so it doesn't get into the generator and cause damage or inefficiency in its operation. In a positive pressure application they are ideal as a pre-filter in the line before air tools and valves etc.

These positive and negative filters are ideal for use in the dental industry. They help protect expensive tooling and automatic packaging applications where it is important to remove dust and dirt to provide clean, cool air. These filters are standard with a 10 micron element that is easily replaced, choice of size of filter area and push-in end connections. There is also an optional Acetal mounting bracket.



Key features include:

Positive/Negative:

- Designed specifically to suit positive or negative pressure applications
- Easily replaced filter element
- Choice of filter areas
- Choice of push in connections
- Optional mounting bracket

Hollow Membrane Filters

These hollow membrane filters offer fine filtration of air, down to 0.01 micron. This is particularly important where clean, dry air is critical for continued operation of equipment and systems.

This type of filter utilises long, porous filaments that are bundled and packed lengthways, and held in place, by a polyamide shell. The unfiltered air travels into the shell and any dirt and dust gets retained by the Polypropylene filaments, whilst allowing the clean air to pass through the pores and exit through the outlet connection of the filter.

This type of "clean air" filter is ideal for use in the semi-conductor, metrology, printing and medical industries, where safeguarding equipment is crucial.



Key features include:

Hollow Fibre Membrane:

- Filtration to 0.01 Micron
- Small body size, lightweight, with large flow rate
- Plastic, explosion-proof body
- Cleanroom packaged as standard
- Optional mounting bracket

Pressure & Flow Control

Eox offers a wide range of precision orifice restrictors and flow control valves designed to restrict the flow of media and gases for many different applications including pneumatic, gas and compatible fluid control circuits.

For adjustable flow control we also have available needle and flow control valves to allow for a more controlled circuit to suit specific requirements.



Key Features Include:

- Compact Design
- Optional style and size of connection
- RoHS and REACH compliant
- Practical and cost effective

Typical Applications:

- Bioprocessing
- Biomedicine
- Pharmaceutical
- Analytical Detection



Orifice Restrictors

Available in sizes from 0.003" to 0.040". Materials include Polysulfone, Polycarbonate and Brass in various connections including straight ports, barbs and threads.

Page 193-202



Regulators

Available in both relieving and non-relieving. Both pressure and vacuum options offered with various mounting styles including in-line and manifold mounted.

Page 203-214



Needle Valves

Needle valves are an adjustable method of flow control. Useful for instances when the exact flow rate hasn't been determined. Available in plastic and metal options.

Page 215-217



Pressure Relief Valves

Relief valves open the input port to the exhaust port when a specific pressure differential (i.e. setpoint) is achieved. Available in many different options.

Page 218-221

Material Options:

- Polysulfone
- Polycarbonate
- Acetal (inc glass filled)
- Technopolymer
- Brass
- Nickel Plated Brass
- Stainless Steel

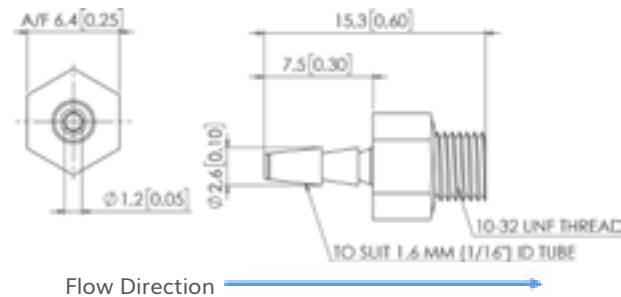
Orifice Restrictors

E-O-160034 - Polysulfone 0.004" Orifice Restrictor, 1/16" (1.6mm) ID Tube to 10-32 UNF Male Thread



Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)
Connection 1: 10-32 UNF Male Thread
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: Threaded
Wetted Materials: FDA Approved Polysulfone
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Purple colour coded insert to denotes 0.004" orifice size and held to a tolerance of ± 4%. Designed for installation in pneumatic and gas control circuits



More from this range

1/16" (1.6mm) ID Tube



Part Number	Size	Colour
E-O-160035	0.005"	Lime Green
E-O-160036	0.006"	Red
E-O-160037	0.007"	Aqua Green
E-O-160038	0.010"	Yellow
E-O-160039	0.012"	Black

Part Number	Size	Colour
E-O-160040	0.016"	Grey
E-O-160041	0.020"	Blue
E-O-160042	0.025"	Brown
E-O-160043	0.030"	Beige
E-O-160044	0.040"	Rust

1/8" (3.2mm) ID Tube



Part Number	Size	Colour
E-O-160045	0.004"	Purple
E-O-160046	0.005"	Lime Green
E-O-160047	0.006"	Red
E-O-160048	0.007"	Aqua Green
E-O-160049	0.010"	Yellow
E-O-160050	0.012"	Black

Part Number	Size	Colour
E-O-160051	0.016"	Grey
E-O-160052	0.020"	Blue
E-O-160053	0.025"	Brown
E-O-160054	0.030"	Beige
E-O-160055	0.040"	Rust



see website for dimensions

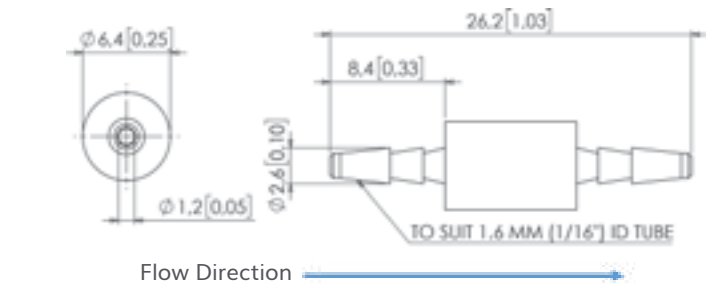
Also available in Polycarbonate



E-O-160012 - Polysulfone 0.004" Orifice Restrictor, 1/16" (1.6mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polysulfone
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Purple colour coded insert to denotes 0.004" orifice size and held to a tolerance of ± 4%. Designed for installation in pneumatic and gas control circuits



More from this range



Part Number					
Size	Colour	No filter	5 micron	43 micron	73 micron
0.004"	Purple	E-O-160012	E-O-160056	E-O-160076	E-O-230001
0.005"	Lime Green	E-O-160013	E-O-160057	E-O-160077	E-O-230002
0.006"	Red	E-O-160014	E-O-160058	E-O-160078	E-O-230003
0.007"	Aqua Green	E-O-160015	E-O-160059	E-O-160079	E-O-230004
0.010"	Yellow	E-O-160016	E-O-160060	E-O-160080	E-O-230005
0.012"	Black	E-O-160017	E-O-160061	E-O-160081	E-O-230006
0.016"	Grey	E-O-160018	E-O-160062	E-O-160082	E-O-230007
0.020"	Blue	E-O-160019	E-O-160063	E-O-160083	E-O-230008
0.025"	Brown	E-O-160020	E-O-160064	E-O-160084	E-O-230009
0.030"	Beige	E-O-160021	E-O-160065	E-O-160085	E-O-230010
0.040"	Rust	E-O-160022			

Micron material: Stainless Steel

E-O-160023 - Polysulfone 0.004" Orifice Restrictor, 1/8" (3.2mm) ID Tube

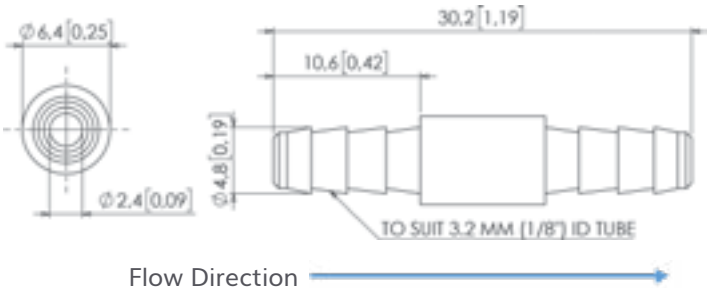


Technical Data

Inlet/Outlet Pressure Range: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polysulfone
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Purple colour coded insert to denotes 0.004" orifice size and held to a tolerance of ± 4%. Designed for installation in pneumatic and gas control circuits.



Micron material: Stainless Steel



More from this range

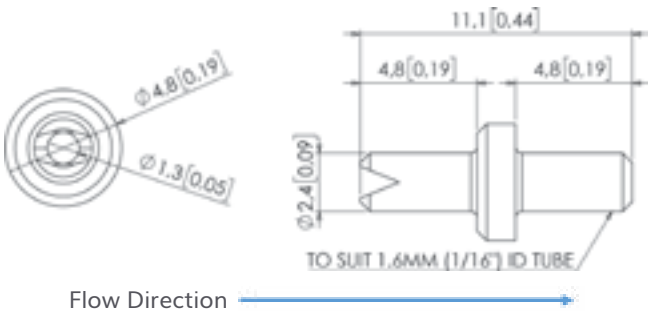


Size	Colour	No filter	5 micron	43 micron	73 micron
0.004"	Purple	E-O-160023	E-O-160066	E-O-160086	E-O-230011
0.005"	Lime Green	E-O-160024	E-O-160067	E-O-160087	E-O-230012
0.006"	Red	E-O-160025	E-O-160068	E-O-160088	E-O-230013
0.007"	Aqua Green	E-O-160026	E-O-160069	E-O-160089	E-O-230014
0.010"	Yellow	E-O-160027	E-O-160070	E-O-160090	E-O-230015
0.012"	Black	E-O-160028	E-O-160071	E-O-160091	E-O-230016
0.016"	Grey	E-O-160029	E-O-160072	E-O-160092	E-O-230017
0.020"	Blue	E-O-160030	E-O-160073	E-O-160093	E-O-230018
0.025"	Brown	E-O-160031	E-O-160074	E-O-160094	E-O-230019
0.030"	Beige	E-O-160032	E-O-160075	E-O-160095	E-O-230020
0.040"	Rust	E-O-160033			

E-O-160001 - Polysulfone Barbless 0.004" Orifice Restrictor, 1/16" (1.6mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 1.7 bar (25 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polysulfone
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Purple colour coded insert to denotes 0.004" orifice size and held to a tolerance of ± 4%. Designed for installation in pneumatic and gas control circuits.



More from this range



Part Number	Size	Colour
E-O-160002	0.005"	Lime Green
E-O-160003	0.006"	Red
E-O-160004	0.007"	Aqua Green
E-O-160005	0.010"	Yellow
E-O-160006	0.012"	Black

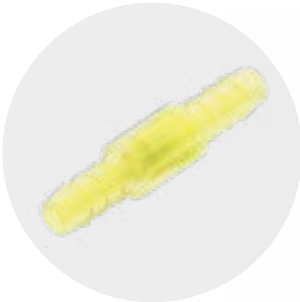
Part Number	Size	Colour
E-O-160007	0.016"	Grey
E-O-160008	0.020"	Blue
E-O-160009	0.025"	Brown
E-O-160010	0.030"	Beige
E-O-160011	0.040"	Rust

Spiggot design - The flow direction is the toleranced direction. It will operate in both directions, but the flow tolerance of 4% will only be held in that direction.



Coming Soon

Also available in Polycarbonate



Miniature Polysulfone Orifice Restrictors
Orifice Sizes: 0.001" to 0.003"
Connections: 1/8" and 1/16"

Polysulfone Barbless Orifice Restrictors
Orifice Sizes: 0.008" and 0.009"
Connections: 1/16"

E-O-200002 - Clear Polysulfone Housing and Polycarbonate Insert 0.003" Orifice Restrictor, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread



Technical Data

Max.Inlet Pressure: 6.9 bar (100 psi)

Connection 1: 10-32 UNF Male Thread

Connection 2: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: FDA Approved Polycarbonate, FDA Approved Polysulfone

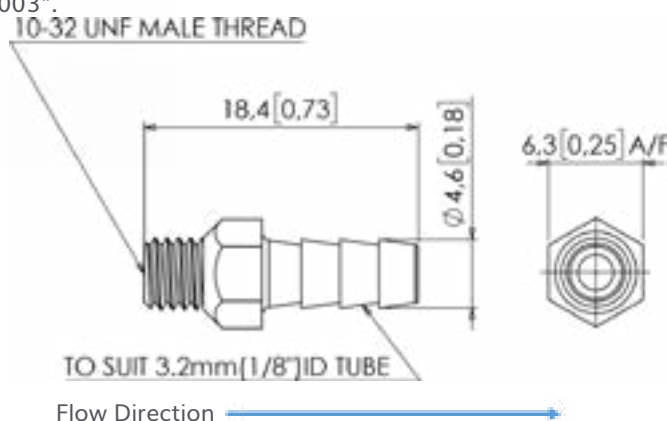
Media Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1580

Other Technical Data: Miniature precision Clear Polysulfone moulded fitting with Gold colour coded Polycarbonate orifice restrictor insert to denote 0.003" effective orifice size, and held to a tolerance of ± 0.0003 ".



More from this range



Part Number	Size	Colour
E-O-200003	0.004"	Purple
E-O-200004	0.005"	White
E-O-200005	0.007"	Yellow
E-O-200006	0.008"	Light Green
E-O-200007	0.009"	Lavendar
E-O-200001	0.010"	Light Blue
E-O-200008	0.012"	Green
E-O-200009	0.014"	Orange

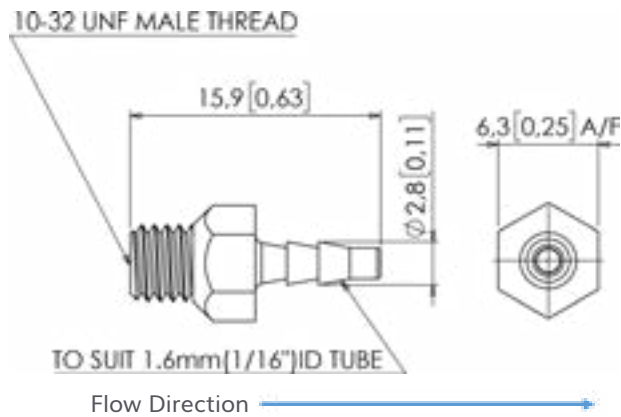
Part Number	Size	Colour
E-O-200010	0.016"	Grey
E-O-200011	0.017"	Brown
E-O-200012	0.019"	Red
E-O-200013	0.020"	Dark Blue
E-O-200014	0.025"	Black
E-O-200015	0.030"	Beige
E-O-200016	0.035"	Dark Grey
E-O-200017	0.040"	Teal

Also available are alternative restrictors having orifice sizes ranging from 0.003" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%. Designed for in-line installation in pneumatic, gas and compatible fluid control circuits.

E-O-200018 - Clear Polysulfone Housing and Polycarbonate Insert 0.003" Orifice Restrictor, 1/16" (1.6mm) ID Tube to 10-32 UNF Male Thread

Technical Data

Max.Inlet Pressure: 6.9 bar (100 psi)
Connection 1: 10-32 UNF Male Thread
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polycarbonate, FDA Approved Polysulfone
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1580
Other Technical Data: Miniature precision Clear Polysulfone moulded fitting with Gold colour coded Polycarbonate orifice restrictor insert to denote 0.003" effective orifice size, and held to a tolerance of ± 0.0003".



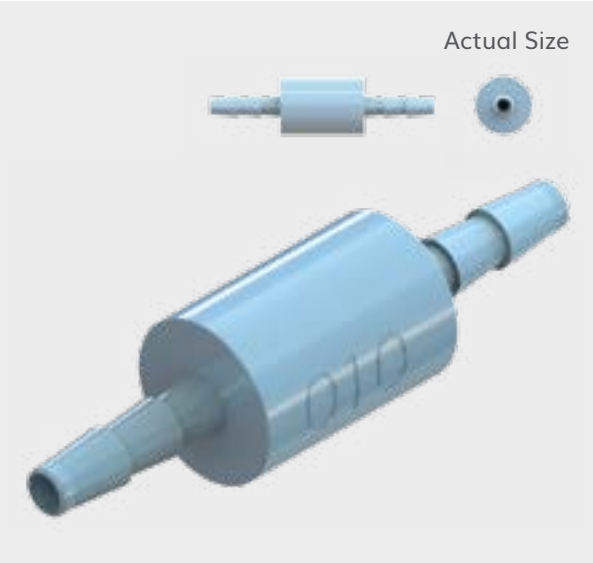
More from this range



Part Number	Size	Colour
E-O-200019	0.004"	Purple
E-O-200020	0.005"	White
E-O-200021	0.007"	Yellow
E-O-200022	0.008"	Light Green
E-O-200023	0.009"	Lavendar
E-O-200024	0.010"	Light Blue
E-O-200025	0.012"	Green
E-O-200026	0.014"	Orange

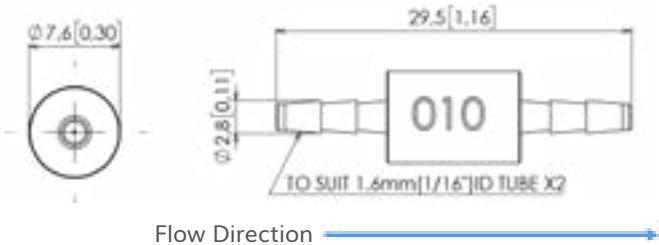
Part Number	Size	Colour
E-O-200027	0.016"	Grey
E-O-200028	0.017"	Brown
E-O-200029	0.019"	Red
E-O-200030	0.020"	Dark Blue
E-O-200031	0.025"	Black
E-O-200032	0.030"	Beige
E-O-200033	0.035"	Dark Grey
E-O-200034	0.040"	Teal

E-O-160136 - Polycarbonate 0.010" Filtered Orifice Restrictor, Buna-N Seal, 100 Micron, 1/16" (1.6mm) ID Tube



Technical Data

Max.Inlet Pressure: 6.9 bar (100 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polycarbonate, Stainless Steel, Buna-N
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 100 micron, incorporated within orifice restrictor body
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1580
Other Technical Data: Miniature precision Polycarbonate moulded orifice restrictor with 100 micron 304 Stainless Steel Screen Filter. Light Blue coloured to denote 0.010" effective orifice size held to a tolerance of $\pm 0.0003"$.



More from this range

1/16" (1.6mm) ID Tube



Part Number	Size	Colour
E-O-160137	0.012"	Green
E-O-160138	0.014"	Orange
E-O-160139	0.016"	Grey
E-O-160140	0.017"	Brown
E-O-160141	0.019"	Red

Part Number	Size	Colour
E-O-160142	0.020"	Dark Blue
E-O-160143	0.025"	Black
E-O-160144	0.030"	Beige
E-O-160145	0.035"	Dark Grey
E-O-160146	0.040"	Teal

1/8" (3.2mm) ID Tube



Part Number	Size	Colour
E-O-160170	0.010"	Light Blue
E-O-160171	0.012"	Green
E-O-160172	0.014"	Orange
E-O-160173	0.016"	Grey
E-O-160174	0.017"	Brown
E-O-160175	0.019"	Red

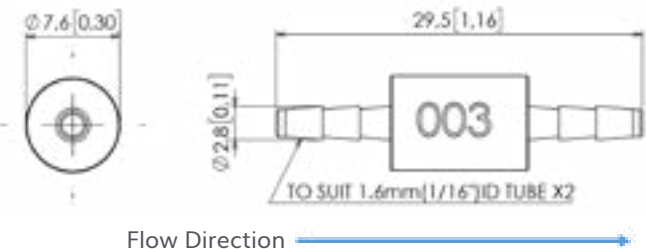
Part Number	Size	Colour
E-O-160176	0.020"	Dark Blue
E-O-160177	0.025"	Black
E-O-160178	0.030"	Beige
E-O-160179	0.035"	Dark Grey
E-O-160180	0.040"	Teal

see website for dimensions

E-O-160113 - Polycarbonate 0.003" Orifice Restrictor, Buna-N Seal, 1/16" (1.6mm) ID Tube

Technical Data

Inlet/Outlet Pressure Range: 6.9 bar (100 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polycarbonate, Buna-N
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1580
Other Technical Data: Gold coloured to denote 0.003" effective orifice size held to a tolerance of ± 0.0003". Designed for in-line installation in pneumatic, gas and compatible fluid control circuits via barbed ports for 1/16" (1.6mm) ID tube.



More from this range

Without integrated filter



Part Number	Size	Colour
E-O-160114	0.004"	Purple
E-O-160115	0.005"	White
E-O-160116	0.007"	Yellow
E-O-160117	0.008"	Light Green
E-O-160118	0.009"	Lavender
E-O-160119	0.010"	Light Blue
E-O-160120	0.012"	Green
E-O-160121	0.014"	Orange

Part Number	Size	Colour
E-O-160122	0.016"	Grey
E-O-160123	0.017"	Brown
E-O-160124	0.019"	Red
E-O-160126	0.025"	Black
E-O-160127	0.030"	Beige
E-O-160128	0.035"	Dark Grey
E-O-160129	0.040"	Teal

With 5 micron 304 Stainless Steel Screen Filter



Part Number	Size	Colour
E-O-160130	0.003"	Gold
E-O-160131	0.004"	Purple
E-O-160132	0.005"	White

Part Number	Size	Colour
E-O-160133	0.007"	Yellow
E-O-160134	0.008"	Light Green
E-O-160135	0.009"	Lavender

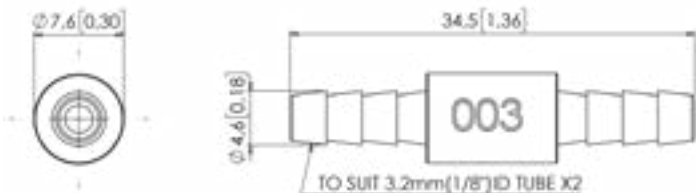


E-O-160147 - Polycarbonate 0.003" Orifice Restrictor, Buna-N Seal, 1/8" (3.2mm) ID Tube



Technical Data

Max.Inlet Pressure: 6.9 bar (100 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-Line
Wetted Materials: FDA Approved Polycarbonate, Buna-N
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1580
Other Technical Data: Miniature precision Polycarbonate moulded orifice restrictor. Gold coloured to denote 0.003" effective orifice size held to a tolerance of ± 0.0003".



Flow Direction →

More from this range

No Filter



Part Number	Size	Colour
E-O-160148	0.004"	Purple
E-O-160149	0.005"	White
E-O-160150	0.007"	Yellow
E-O-160151	0.008"	Light Green
E-O-160152	0.009"	Lavender
E-O-160153	0.010"	Light Blue
E-O-160154	0.012"	Green
E-O-160155	0.014"	Orange

Part Number	Size	Colour
E-O-160156	0.016"	Grey
E-O-160157	0.017"	Brown
E-O-160158	0.019"	Red
E-O-160159	0.020"	Dark Blue
E-O-160160	0.025"	Black
E-O-160161	0.030"	Beige
E-O-160162	0.035"	Dark Grey
E-O-160163	0.040"	Teal

With 5 micron filter



Part Number	Size	Colour
E-O-160164	0.003"	Gold
E-O-160165	0.004"	Purple
E-O-160166	0.005"	White

Part Number	Size	Colour
E-O-160167	0.007"	Yellow
E-O-160168	0.008"	Light Green
E-O-160169	0.009"	Lavender



E-O-160249 - Brass 0.0135" Orifice Restrictor, Buna-N Seal, 10-32 UNF Female Thread

Technical Data

Max.Inlet Pressure: 20.1 bar (300 psi)

Connections: 10-32 UNF Female Thread

Mounting Style: Threaded

Wetted Materials: Brass, Stainless Steel, Buna-N

Media Temperature: 0°C to 110°C (32°F to 230°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: A brass orifice restrictor with 0.0135" and 10-32 UNF female thread, orifice in Yellow coloured disc. Calibrated for precise flow.



9,5 [0,38] A/F

17,4 [0,69]

10-32 UNF THREAD

More from this range



E-O-160252 - 0.006"



E-O-160251 - 0.0075"



E-O-160250 - 0.010"

see website for dimensions

Additional sizes available, contact us to learn more
Email sales@eoxshop.com or call us +44 (0)2392 266031

Regulators

ENR-20-MMG-SS-V-H-C - Stainless Steel Precision Miniature Pressure Regulator, FKM Seal, Non-relieving, Non-bleed, 1/8" BSPP Male Thread



Technical Data

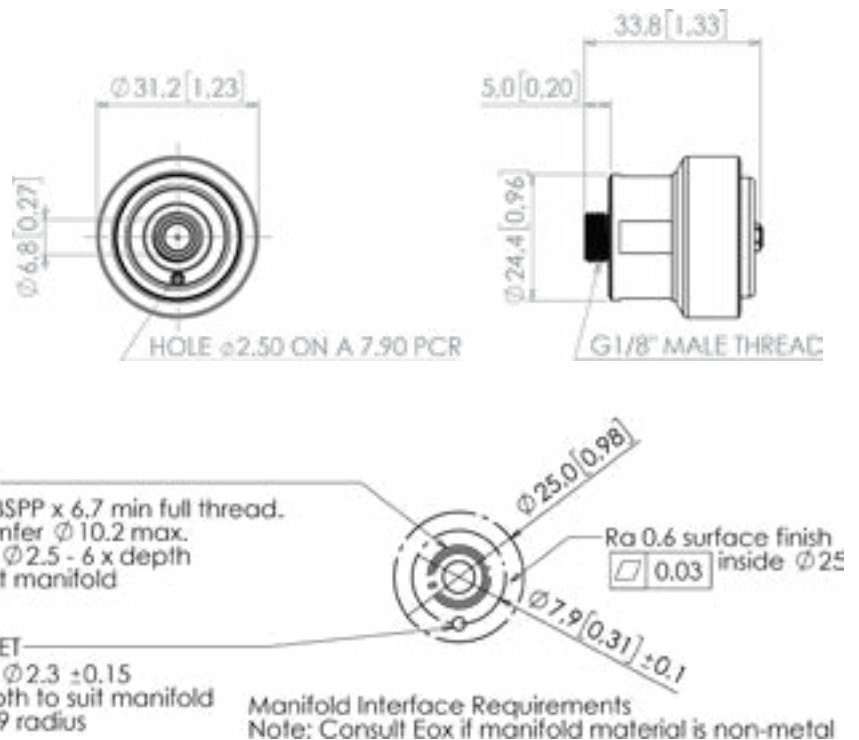
Max.Inlet Pressure: 8 bar (116 psi)
 Max Pressure Hysteresis at 20°C: (Bar [PSI]): 0.03 bar (0.45 psi)
 Effect of Supply Pressure Variation: <0.01 bar outlet pressure per 0.35 bar change in inlet pressure
 Flow Rate (LPM [SCFM]): 60 LPM
 Connection 1: 1/8" BSPP Male Thread
 Connection 2: See manifold interface requirements
 Mounting Style: Threaded
 Wetted Materials: Stainless Steel 316, FKM, PVDF
 Non-wetted Materials: Stainless Steel 316 and 303, Aluminium Bronze
 Media/Ambient Temperature: 0°C to 60°C (32°F to 140°F)
 Recommended Filtration (µm): 5µm
 RoHS/REACH Compliant: Yes
 Other Technical Data: Our latest non-relieving, non-bleed miniature pressure regulator offers precision regulation of pressure where control of compressed air or medical gases is required.



Also available in Aluminium
ENR-20-MMG-AL-V-H-C



* Example of anodised option available on request



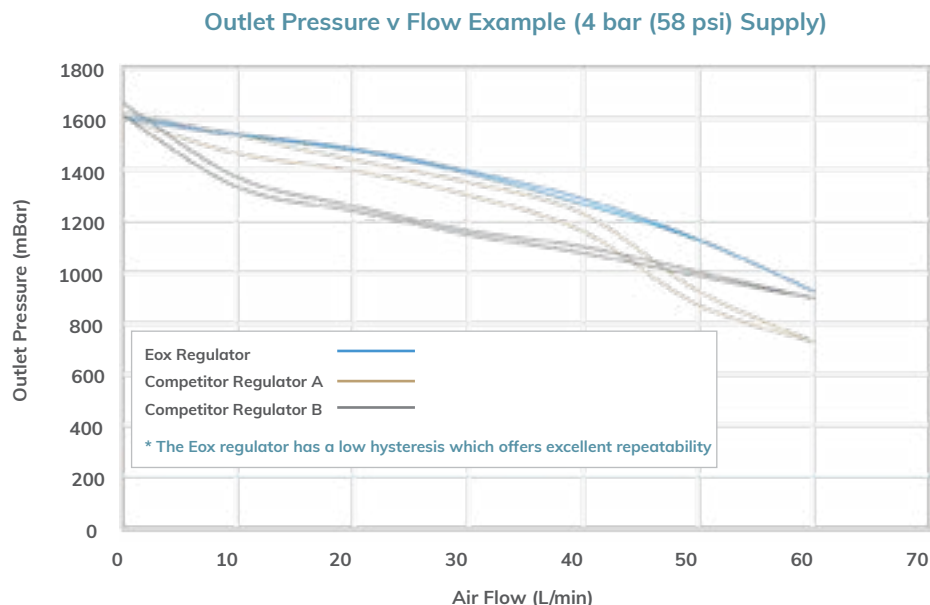
Reliable and compact precision pressure regulators

- Non-relieving and non-bleed for precision pressure control of air and medical gases
- Compact and reliable regulators with low pressure hysteresis
- Regulator material options available to suit your application
- Designed specifically for the medical and scientific markets



INNOVATIVE
PATENTED
DESIGN

Technical Specifications:



Reliable, precise pressure regulation

The very low pressure hysteresis of the Eox pressure regulator is shown in the chart above by the solid blue line plot with outlet pressure set at 1600 mbar at zero flow and 4 bar (58 psi) supply.

The other lines indicate two competitor regulators with higher pressure hysteresis and larger outlet pressure droop than the Eox regulator.

Our latest non-relieving non-bleed miniature regulator offers precision pressure control with excellent repeatability

Eox is committed to the development of new, market leading component technology to support medical, scientific and life science industries with true design innovation.

Where control of compressed air or medical gas is required, this component offers complete performance reliability. Designed and manufactured in the UK, Eox is delighted to offer this component to an international audience of med-tech and life science equipment manufacturers.

This new addition to the Eox range is designed to produce a precise outlet pressure range of 0.05 (0.72 psi) - 2.00 bar (29 psi), with a maximum inlet pressure of 8 bar (116 psi). For full technical details please refer to the technical specification. This component is available as standard or may be customised for your application.

E-R-220001 - Manifold Mount Oxygen Pressure Regulator, FKM Seal, Non-Relieving, 0 to 0.5 bar



Technical Data

Max.Inlet Pressure: 2 bar (29 psi)

Operating Outlet Pressure: 0 to 0.5 bar (0 to 7.25 psi)

Flow Rate (LPM [SCFM]): 140 LPM - 0.5 bar regulated pressure from 2 bar inlet

Connections: Refer to technical drawings

Mounting Style: Manifold Mount

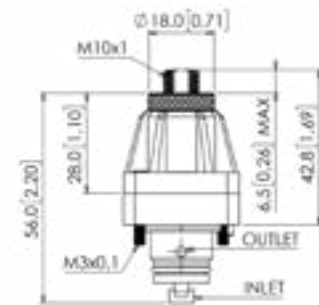
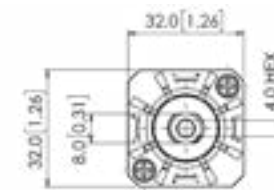
Wetted Materials: PPS, FKM, Stainless Steel

Non-wetted Materials: Polyamide

Media/Ambient Temperature: -5°C to 50°C (23°F to 122°F)

RoHS/REACH Compliant: Yes

Other Technical Data: An Oxygen non-relieving pressure regulator comprising of PPS cartridge body, Stainless Steel spring, FKM seal and diaphragm. Adjusting range of 0 to 0.5 bar. Compatible with air, inert and medical gases and oxygen.



More from this range



0 - 2 bar
E-R-220002



0 - 3 bar
E-R-220003



0 - 4 bar
E-R-220004

E-R-220005 - Anodised Aluminium Base Oxygen Compatible Pressure Regulator, FKM Seal, Non-Relieving, 1/8" BSPP Female Thread, 0 to 0.5 bar

Technical Data

Max.Inlet Pressure: 2 bar (29 psi)

Operating Outlet Pressure: 0 to 0.5 bar (0 to 7.25 psi)

Flow Rate (LPM [SCFM]): 140 LPM - 0.5 bar regulated pressure from 2 bar inlet

Connections: 1/8" BSPP Female Thread

Mounting Style: Threaded

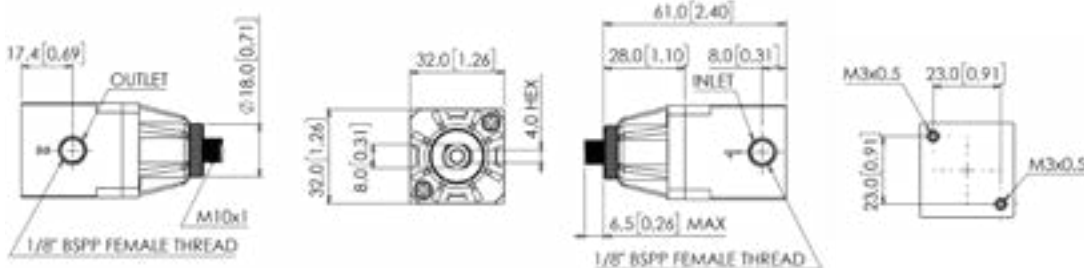
Wetted Materials: Anodised Aluminium, PPS, FKM, Stainless Steel

Non-wetted Materials: Polyamide

Media/Ambient Temperature: -5°C to 50°C (23°F to 122°F)

RoHS/REACH Compliant: Yes

Other Technical Data: An Oxygen non-relieving pressure regulator comprising of PPS cartridge body with Anodised Aluminium base, Stainless Steel spring, FKM seal and diaphragm. 1/8" BSPP female thread inlet and outlet. Adjusting range of 0 to 0.5 bar.



More from this range



0 - 2 bar
E-R-220006



0 - 3 bar
E-R-220007



0 - 4 bar
E-R-220008

E-R-220009 - Nickel Plated Brass Precision In-Line Regulator, FKM Seal, Non-Relieving, 10-32 UNF Female Thread, 1 to 50 psi



Technical Data

Max.Inlet Pressure: 20.68 bar (300 psi)

Operating Outlet Pressure: 0.06 to 3.44 bar (1 to 50 psi)

Flow Rate (LPM [SCFM]): 144.4 LPM

Connections: 10-32 UNF Female Thread

Mounting Style: Threaded

Wetted Materials: Nickel Plated Brass, FKM

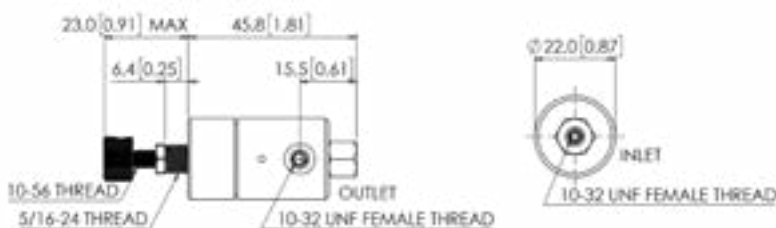
Non-wetted Materials: Nickel Plated Brass, Stainless Steel

Media/Ambient Temperature: 0°C to 110°C (32°F to 230°F)

Recommended Filtration: To suit application and media used

RoHS/REACH Compliant: Yes

Other Technical Data: A Nickel Plated Brass non-relieving precision regulator with FKM seals, Stainless Steel spring and knob. 10-32 UNF female thread inlet and outlet. Adjustment range of 1 to 50 psi. Compatible with air, water or oil. This product is designed for zero air consumption and corrosion resistance.



More from this range



Cartridge
E-R-220010

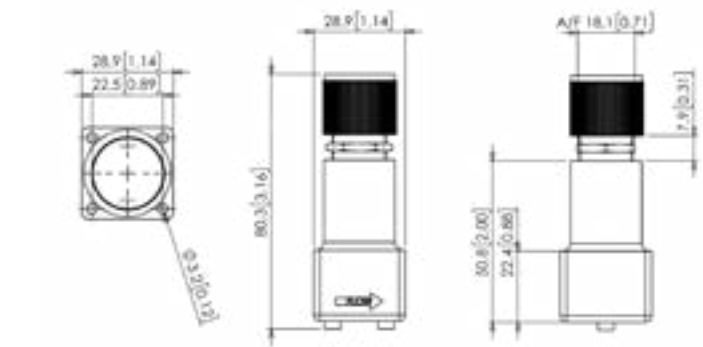


Manifold Mount
E-R-220011

E-R-170051 - Polysulfone Manifold Mount Precision Pressure Regulator, Buna-N Seal, Non-Relieving, Non-Bleed, 0.5 to 3.5 psi

Technical Data

Max.Inlet Pressure: 10.34 bar (150 psi)
Operating Outlet Pressure: 0.03 to 0.24 bar (0.5 to 3.5 psi)
Flow Rate (LPM [SCFM]): 28 LPM, 1.0 SCFM
Connections: 0.20" (5.1mm) OD Stem
Mounting Style: Manifold Mount
Wetted Materials: Polysulfone, Acetal, Polyurethane, Buna-N, EPDM, Stainless Steel
Non-wetted Materials: Polysulfone, Nickel Plated Brass, Nylon, Aluminium
Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)
Recommended Filtration (µm): 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, FDA (177.2500), 3A sanitary standards for use in contact surfaces for Dairy Equipment.



Also available - E-R-170046
10-32 UNF Female Thread versions

More from this range



Manifold Mount
0.5 - 10 psi
E-R-170052



Manifold Mount
0.5 - 30 psi
E-R-170053



Manifold Mount
0.5 - 60 psi
E-R-170054



Manifold Mount
0.5 - 90 psi
E-R-170055



Female Thread
0.5 - 10 psi
E-R-170047



Female Thread
0.5 - 30 psi
E-R-170048



Female Thread
0.5 - 60 psi
E-R-170049



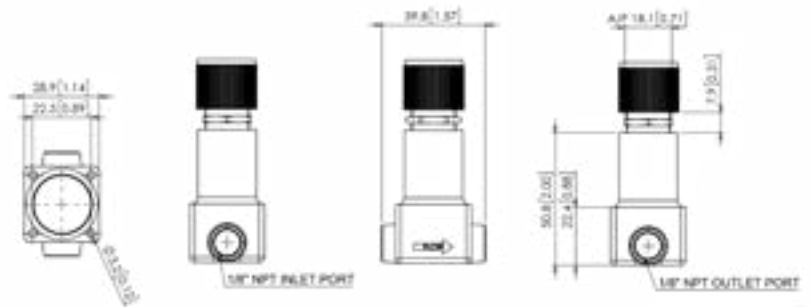
Female Thread
0.5 - 90 psi
E-R-170050

E-R-170026 - Polysulfone Precision Pressure Regulator, Buna-N Seal, Non-Relieving, Non-Bleed, 1/8" NPT Female Thread, 0.5 to 3.5 psi



Technical Data

Max.Inlet Pressure: 10.34 bar (150 psi)
Operating Outlet Pressure: 0.03 to 0.24 bar (0.5 to 3.5 psi)
Flow Rate (LPM [SCFM]): 28 LPM, 1.0 SCFM
Connections: 1/8" NPT Female Thread
Mounting Style: In-Line/Panel Mount
Wetted Materials: Polysulfone, Acetal, Polyurethane, Buna-N, EPDM, Stainless Steel
Non-wetted Materials: Polysulfone, Nickel Plated Brass, Nylon, Aluminium
Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)
Recommended Filtration (µm): 5µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, FDA (177.2500), 3A sanitary standards for use in contact surfaces for Dairy Equipment.



More from this range



0.5 - 10 psi
E-R-170027



0.5 - 30 psi
E-R-170028



0.5 - 60 psi
E-R-170029



0.5 - 90 psi
E-R-170030

E-R-170017 - Glass Filled Acetal Precision Pressure Regulator, Buna-N Seal, Relieving, Constant Bleed, 10-32 UNF Female Thread, 0.5 to 10 psi

Technical Data

Max.Inlet Pressure: 10.34 bar (150 psi)

Operating Outlet Pressure: 0.03 to 0.69 bar (0.5 to 10 psi)

Connections: 10-32 UNF Female Thread

Mounting Style: In-Line/Panel Mount

Wetted Materials: Glass Filled Acetal, Carbon Filled Nylon, Acetal, Polyurethane, Buna-N, Stainless Steel, Silicone Nitrile, PVC, Epoxy Coated Music Wire

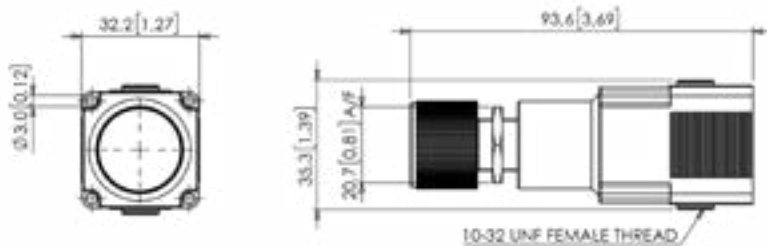
Non-wetted Materials: Glass Filled Acetal, Carbon Filled Nylon, Carbon Spring Steel, Acetal

Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)

Recommended Filtration: 380 Micron Integrated within the Regulator

RoHS/REACH Compliant: Yes

Other Technical Data: Miniature precision pressure regulator with a 10-32 UNF ported Glass filled Celcon body, 20 turn adjusting knob for precise regulation.



More from this range



0.5 - 30 psi
E-R-170018



0.5 - 60 psi
E-R-170019



0.5 - 100 psi
E-R-170020

Other relieving, constant bleed regulators, in various material and size options available online - eoxshop.com

E-R-170066 - Polysulfone Precision Vacuum Regulator, Buna-N Seal, Relieving, Constant Bleed, 1/8" NPT Female Thread, 0 to 30" HG

Actual Size



Technical Data

Max.Inlet Pressure: 30" HG

Operating Outlet Pressure: 1" to 30" HG

Flow Rate (LPM [SCFM]): 28 LPM, 1.0 SCFM

Connections: 1/8" NPT Female Thread

Mounting Style: In-Line/Direct/Panel Mount

Wetted Materials: Polysulfone, Acetal, Polyurethane, Buna-N, EPDM, Stainless Steel

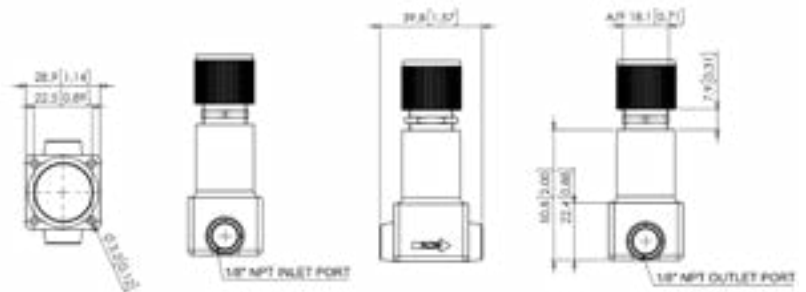
Non-wetted Materials: Polysulfone, Nickel Plated Brass, Nylon, Aluminium

Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)

Recommended Filtration (µm): 5µm

Regulatory Information: NSF, FDA (177.2500), 3A sanitary standards for use in contact surfaces for Dairy Equipment

RoHS/REACH Compliant: Yes



More from this range



10-32 UNF
0-30" Hg
E-R-170067



Manifold Mount
0-30" Hg
E-R-170068

Modular Manifold Systems Explained

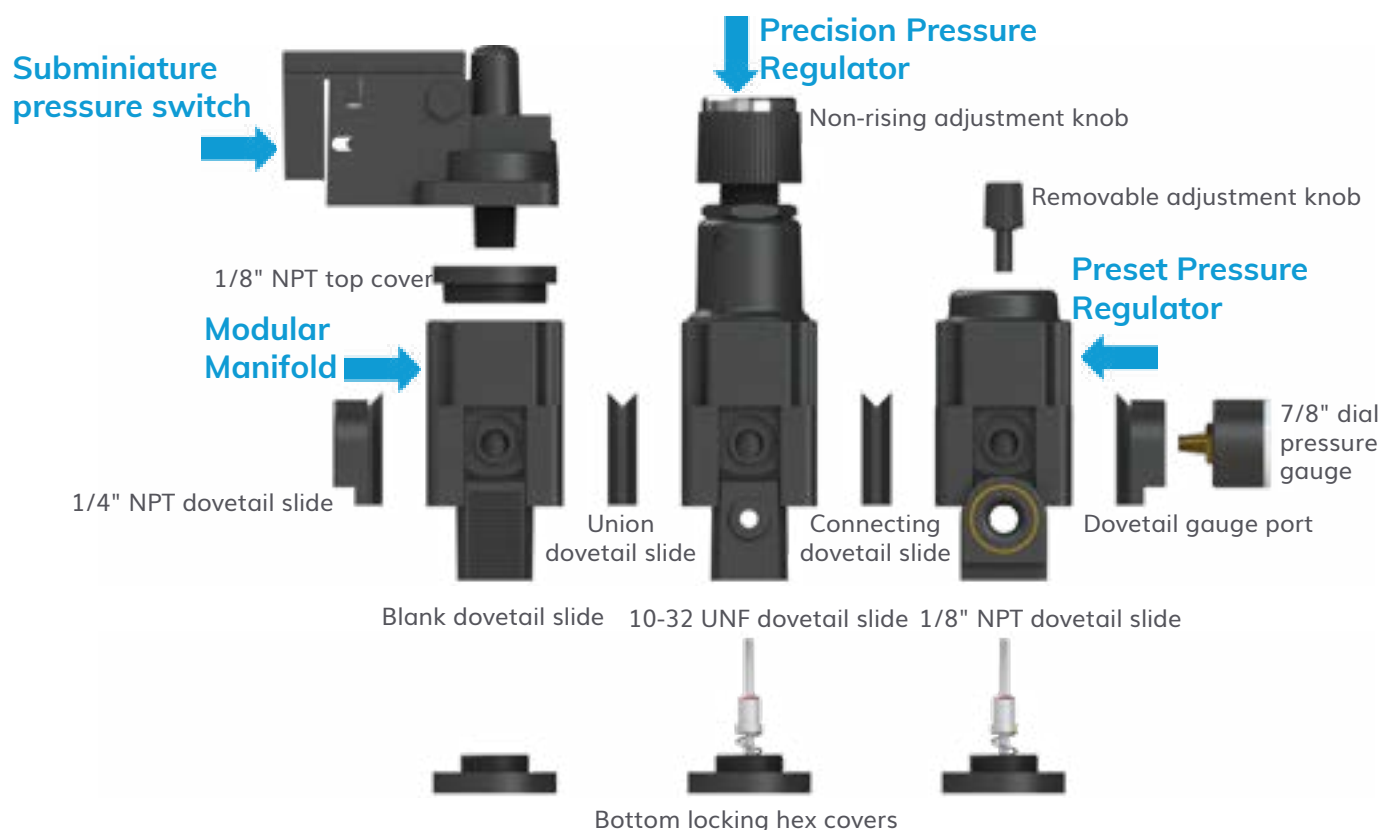
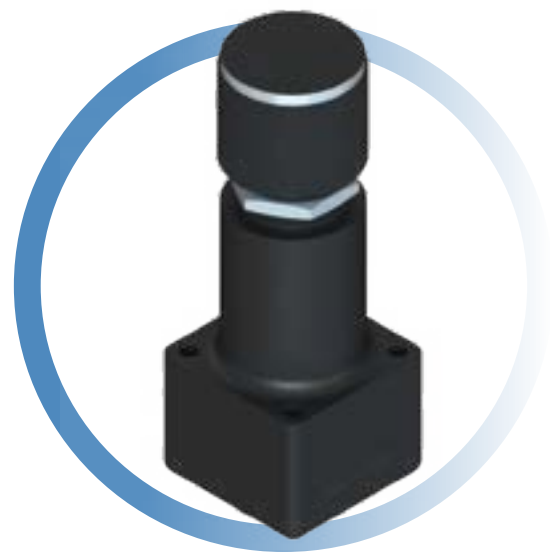
Our range includes subminiature precision pressure regulators, factory preset precision pressure regulators, manifold mounted precision pressure regulators, and a modular manifold system.

The modular precision preset regulator is designed to produce a precise output pressure that is preset. It is ideal for instrumentation, and industrial applications. The standard preset model is factory preset to the desired output pressure, 0.5-40 psi using 100 psi supply.

Designed for precise regulation the modular subminiature precision pressure regulator is ideal for instrumentation, medical and industrial applications. The standard device is furnished with an adjustment knob and is also available with an extended 1/4" shaft.

The modular manifold system allows various combinations of pneumatic accessories to be assembled together and is available in two models: standard and filtered. The unique modular dovetail design allows the manifold block to be used individually or assembled into a modular combination of pneumatic components.

Contact us for more information on the available configurable options



E-R-230006 - Brass/Technopolymer Elbow Pressure Regulator, Buna-N Seal, 1/8" BSPP Male Thread to 4.0mm OD Push-In Fitting, 0.5 to 10 bar



Technical Data

Max.Inlet Pressure: 2 to 10 bar (29 to 145 psi)

Operating Outlet Pressure: 0.5 to 10 bar (7.2 to 145 psi)

Flow Rate (LPM [SCFM]): 90 LPM

Connection 1: 1/8" BSPP Male Thread

Connection 2: Push-In Fitting 4.0mm OD Tube

Mounting Style: Threaded

Wetted Materials: Brass, Technopolymer, Buna-N

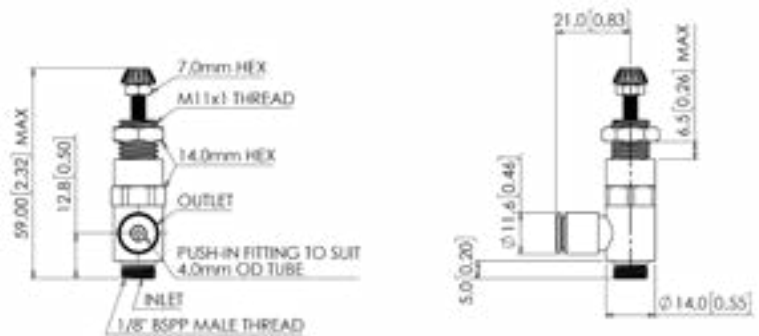
Non-wetted Materials: Brass, Stainless Steel

Media/Ambient Temperature: -5°C to 50°C (23°F to 122°F)

Recommended Filtration (µm): 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: A miniature Brass bodied swivel banjo elbow pressure regulator with Buna-N seal, 1/8" BSPP male thread inlet to 4.0mm OD push-in fitting outlet. Adjustment range of 0.5 to 10 bar.



More from this range



1/8" BSPP Male to 6.0mm Push-in
E-R-230007



1/8" BSPP Male to 8.0mm Push-in
E-R-230008



1/4" BSPP Male to 6.0mm Push-in
E-R-230009



1/4" BSPP Male to 8.0mm Push-in
E-R-230010

E-R-200001 - Technopolymer Pressure Regulator, Buna-N Seal, Relieving, 1/8" BSPP Female Thread, 0 to 2 bar

Technical Data

Max.Inlet Pressure: 13 bar (188 psi)

Operating Outlet Pressure: 0 to 2 bar (0 to 29 psi)

Flow Rate (LPM [SCFM]): 340 LPM, 12 SCFM (At 6.3 bar with 0.5 bar pressure drop) 600 LPM, 21 SCFM (At 6.3 bar with 1 bar pressure drop)

Connections: 1/8" BSPP Male Thread

Mounting Style: In-Line/Panel Mount

Wetted Materials: Technopolymer, Buna-N, Brass

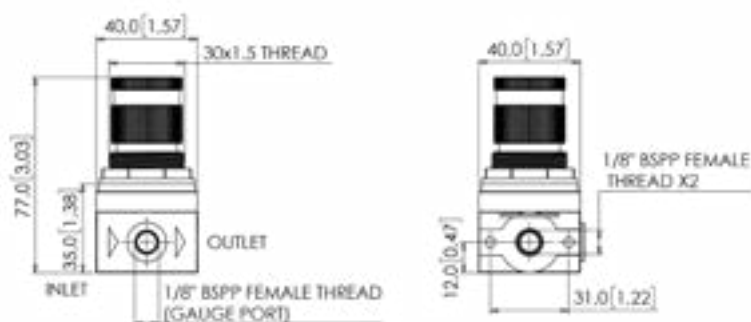
Non-wetted Materials: Technopolymer, Steel, Stainless Steel

Media/Ambient Temperature: -10°C to 50°C (14°F to 122°F)

Recommended Filtration (µm): 20µm

RoHS/REACH Compliant: Yes

Other Technical Data: Technopolymer Pressure Regulator, Buna-N Seal, Relieving, 1/8" BSPP Female Thread, 0 to 2 bar. This is a relieving style regulator and is designed to be used with compressed air.



More from this range



Relieving - 1/8" BSPP Female Thread
0 to 2 bar
[E-R-200003](#)



Non-Relieving - 1/8" BSPP Female Thread
0 to 4 bar
[E-R-200004](#)



Relieving - 1/8" BSPP Female Thread
0 to 4 bar
[E-R-200005](#)

Needle Valves

E-N-230007 - Miniature Glass Filled Polypropylene Needle Valve, Bidirectional, Buna-N Seal, 1/8" (3.2mm) ID Tube, Knob With Screwdriver Slot Adjustment



Technical Data

Max.Inlet Pressure: 8.6 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Glass Filled Polypropylene, Buna-N, 303 Stainless Steel

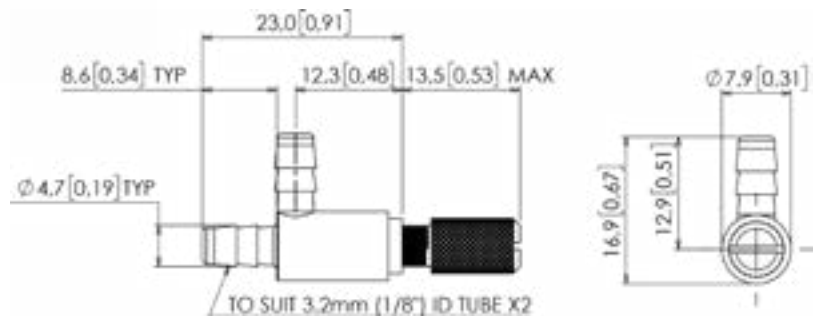
Non-wetted Materials: Glass Filled Polypropylene, 303 Stainless Steel

Media Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Compatible with gases and liquids. Tube retention pressure 8.6 bar/125 psi (subject to tubing specification). This needle valve has a 6° pin angle and 7 turns of adjustment from fully closed to fully open. The ports are orientated at 90°. Ethylene Propylene (EPDM) and Viton sealing available.



More from this range



1/16" In-Line
Straight Ports
E-N-230008



1/16" Panel Mount
Straight Ports
E-N-230010



1/8" Panel Mount
Barbed Ports
E-N-230009

Needle valves are used to set the rate of flow in a pneumatic circuit. A needle valve controls flow in both directions (bidirectional).

The finely threaded needle allows gradual adjustment of the amount of controlled flow passing through. Eox Shop offers a variety of configuration styles, this includes various mounting and porting options as well as other materials.

E-N-230002 - Miniature Glass Filled Nylon Needle Valve, Bidirectional, Buna-N Seal, 1/8" (3.2mm) ID Tube, Knob With Screwdriver Slot Adjustment

Technical Data

Max.Inlet Pressure: 8.6 bar (125 psi)

Connections: 1/8" (3.2mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Glass Filled Nylon, Buna-N, 303 Stainless Steel

Non-wetted Materials: Glass Filled Nylon, 303 Stainless Steel

Media Temperature: 5°C to 48°C (40°F to 120°F)

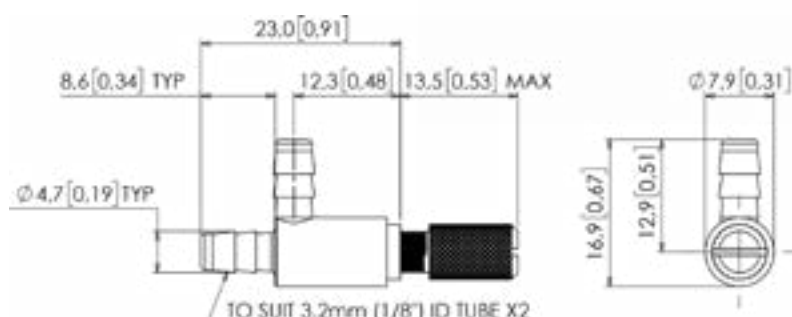
Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Compatible with gases and liquids. Tube retention pressure 8.6 bar/125 psi (subject to tubing specification). This needle valve has a 6° pin angle and 7 turns of adjustment from fully closed to fully open. The ports are orientated at 90°. Ethylene Propylene (EPDM) and Viton sealing available



Actual Size



More from this range



1/16" In-Line
Barbed Ports
E-N-230001



1/16" In-Line
Straight Ports
E-N-230003



1/16" Panel Mount
Barbed Ports
E-N-230004



1/16" Panel Mount
Straight Ports
E-N-230006



1/8" Panel Mount
Barbed Ports
E-N-230005

visit our website for
more needle valves



E-N-190019 - Miniature Bronze Fine Adjustment Rigid Ports Needle Valve, Bidirectional, Buna-N Seal, 1/16" (1.6mm) ID Tube, Screwdriver Slot Adjustment



Technical Data

Max.Inlet Pressure: 6.89 bar (100 psi)

Connections: 1/16" (1.6mm) ID Tube

Mounting Style: In-Line

Wetted Materials: Phosphor Bronze, 303 Stainless Steel, Buna-N

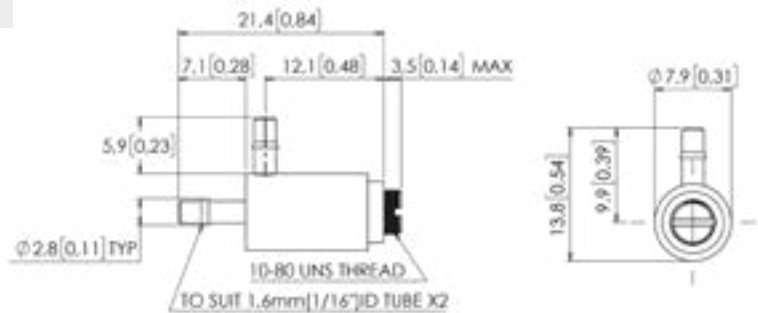
Non-wetted Materials: Phosphor Bronze, 303 Stainless Steel, Polyethylene

Media Temperature: 5°C to 48°C (40°F to 120°F)

Recommended Filtration: 5µm

RoHS/REACH Compliant: Yes

Other Technical Data: Miniature bidirectional fine adjustment needle valve with a Phosphor Bronze body and barb ports to suit 1/16" (1.6mm) ID tube, 303 Stainless Steel screwdriver slot, 303 Stainless Steel needle, Polyethylene vibration insert and Buna-N seal.



More from this range



1/16" In-Line
Straight Ports
E-N-190022



1/16" Panel Mount
Rigid Ports
E-N-190023



1/16" Panel Mount
Straight Ports
E-N-190026



1/8" In-Line
Barb Ports
E-N-190020



1/8" Panel Mount
Barb Ports
E-N-190024

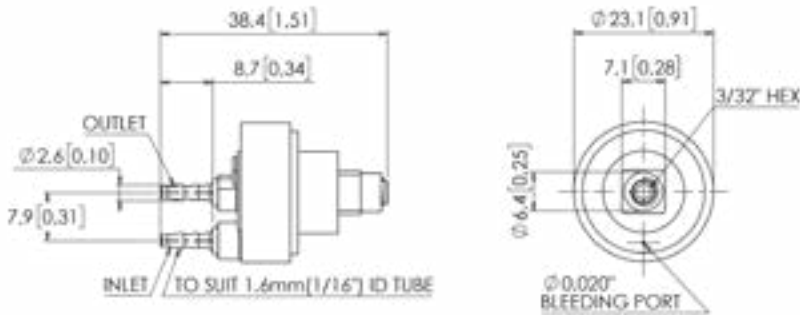
Various diameters available. Visit eoxshop.com for full technical data, 3D CAD downloads and larger quantity price breaks.

Pressure Relief Valves

E-R-230012 - Miniature Polysulfone Adjustable Relief Valve, Silicone Seal, 1/16" (1.6mm) ID Tube, 0.25 to 10 psi

Technical Data

Max.Inlet Pressure: 2.1 bar (30 psi)
Outlet Pressure Range: 0.25 to 10 psi
Flow Rate: 3.5 LPM
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-Line/Panel Mount
Wetted Materials: Polysulfone, Silicone, Stainless Steel
Non-wetted Materials: Polysulfone, Nylon
Media Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5µm
RoHS/REACH Compliant: Yes
Other Technical Data: A Polysulfone bodied miniature adjustable relief valve complete with Silicone diaphragm and barbs to suit 1/16" (1.6mm) ID tube. Adjusting range of 0.25 to 10 psi.



More from this range



E-R-230014
1/16" - 0.25 to 20
psi



E-R-230013
1/8" - 0.25 to 10 psi



E-R-230015
1/8" - 0.25 to 20 psi

E-N-200010 - Miniature Polysulfone Relief Valve, Bidirectional, Buna-N Seal, 10-32 UNF Female Thread, 0 to 10 psi



Technical Data

Max.Inlet Pressure: 10.34 bar (150 psi)

Flow Rate: 16 LPM

Connections: 10-32 UNF Female Thread

Mounting Style: In-Line/Panel Mount

Wetted Materials: Polysulfone, Silicone, Buna-N

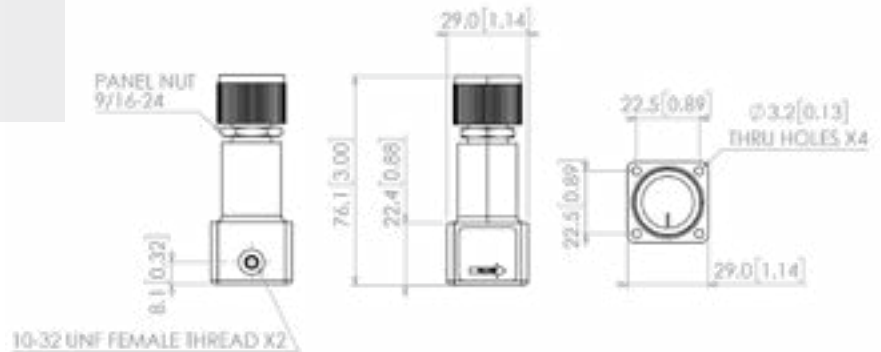
Non-wetted Materials: Stainless Steel, Nickel Plated Brass, Acetal, Black Oxide Plated Steel, PTFE (Teflon Washer)

Media Temperature: 4°C to 66°C (40°F to 150°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Other Technical Data: Miniature relief valve for 10-32 UNF ported with a Polysulfone body, Buna-N seal and adjusting range of 0 to 10 psi.



More from this range



E-N-200011
0-30 psi



E-N-200012
0-60 psi



E-N-200013
0-100 psi

E-N-190092 - Clear Polycarbonate Branch T-Ported Pressure Relief Valve, Silicone Seal, 5/32" (4.0mm) Bond-In Port, 2.5 psi Cracking Pressure

Technical Data

Max.Inlet Pressure: 4.13 bar (60 psi)

Connection 1: 5/32" (4.0mm) Bond-In Port

Connection 2: None - Relief Port

Connection 3: 5/32" (4.0mm) Bond-In Port

Mounting Style: In-Line

Wetted Materials: Polycarbonate, Silicone, Stainless Steel, Polypropylene

Non-wetted Materials: Polycarbonate

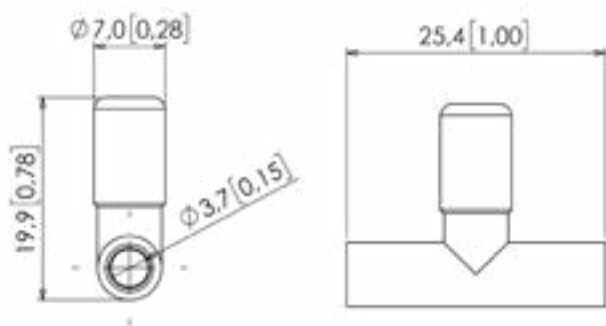
Media Temperature: 0°C to 121°C (32°F to 250°F)

Recommended Filtration: Depending on application

RoHS/REACH Compliant: Yes

Regulatory Information: USP Class VI

Other Technical Data: A Clear Polycarbonate bodied T-Ported pressure relief valve with two 5/32" (4.0mm) bond-in port to relief port.



More from this range



E-N-190093
8.45 psi



E-N-190094
9.0 to 12.0 psi



E-N-190097
15.0 psi



E-N-190096
18.0 psi



E-N-190095
30.0 psi



E-N-190098
58.0 psi

Various diameters available. Visit eoxshop.com for full technical data, 3D CAD downloads and larger quantity price breaks.

Also Available

High Flow Pressure Relief Valves and Pressure Relief Activated Valves

Designed to hold and release amounts of gases or fluids automatically. Generally used for tube end and in-line pressure control, over or under pressure control.



High Flow Pressure Relief Valves:

- Various Cracking Pressures
- Multiple Size Options
- Material Options: Medical Grade Acrylic or Acetal
- Colours: Black, White & Clear
- Used in IV drug delivery applications



[Visit this range](#)



Pressure Relief Activated Valves:

- Various Cracking Pressures
- Multiple Size Options
- Material Options: PVC, Alpha/Gamma PVC, Gamma Polycarbonate and Polycarbonate
- Available Connections: T-Port, Luer Slip, Luer Lock, Barb and Straight



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Orifice Sizes: 0.001" to 0.003"
Connections: 1/8" and 1/16"

Polysulfone Barbless Orifice Restrictors

Orifice Sizes: 0.008" and 0.009"
Connections: 1/16"

Chemical Compatibility Chart

Chemical	Polymers				Metals		Elastomers			
	Acetal	ABS	Polypropylene	Polysulfone	Chrome Plated Brass	Aluminium	Buna-N (Nitril)	EPR/EPDM	Fluorocarbon (viton)	Silicone
Acetic Acid	D	C	B	A	D	B	D	A	D	B
Acetone	A	D	A	A	A	A	D	A	D	C
Air	A	A	A	A	A	A	A	A	A	A
Ammonia Anhydrous	D	B	A	C	A	A	B	A	D	C
Benzene	A	D	D	D	N/A	B	D	D	A	D
Carbon Dioxide	A	B	A	N/A	A	B	A	B	B	B
Chlorine Water	D	A	D	D	D	D	D	C	A	D
Ethanol (Ethyl Alcohol)	A	A	A	A	A	B	A	A	A	A
Ethylene Glycol	B	A	A	A	A	A	A	A	A	A
Gasoline, Unleaded	A	D	C	A	A	A	B	D	A	D
Hydrochloric Acid	C	C	B	A	D	D	D	C	A	D
Hydrofluoric Acid	D	C	C	A	D	D	D	D	B	D
Isopropyl Alcohol	A	A	A	A	B	B	B	B	B	A

Key:

- A = Excellent - no effect
- B = Good - little or no effect
- C = Fair - some effect
- D = Not recommended
- N/A = Not available

Chemical	Polymers				Metals		Elastomers			
	Acetal	ABS	Polypropylene	Polysulfone	Chrome Plated Brass	Aluminium	Buna-N (Nitril)	EPR/EPDM	Fluorocarbon (viton)	Silicone
Methyl Ethyl Ketone (Mek)	C	D	B	D	A	B	D	A	D	D
Methanol	A	D	A	A	A	A	A	A	D	A
Oxygen	A	B	A	A	A	A	B	A	A	A
Ozone	C	B	B	A	N/A	B	D	A	A	A
Sodium Hypochlorite	D	N/A	B	A	D	D	C	B	A	B
Steam	C	N/A	N/A	N/A	A	B				C
Sulfuric Acid, Air Free	N/A	B	C	B	C	D	D	D	A	D
Toluene	C	D	C	C	A	A	D	D	C	D
Trichloroethylene	D	D	C	C	B	D	D	D	A	D
Water, Fresh	A	A	A	A	C	B	A	A	B	A

Chemical Compatibility

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Key:



ISO 80369-7



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